AD-A121 853 UNCLASSIFIED	PROCESS PARAMETERS FOR BANDING 188-MM M483A1 PROJECTILES IN HIGH-CAPACITY(U) CHAMBERLAIN MFG CORP WATERLOO IA RESEARCH AND DEVELOPMENT DIV SEP 82 C8184-PR-072-APP-B ARLCD-CR-82028-APP-B F/9 19/1 NL	N.



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APPENDIX B

ULTRASONIC SCANNING TAPES GENERATED BY CHAMBERLAIN AND AMMRC IN CONNEC-TION WITH QUASI-PRODUCTION RUN CF IN-ERTIA WELDED ROTATING BANDS ONTO M483A1 PROJECTILES. AD E400934



This document is submitted as a supplement to Contractor Report ARLCD-CR-82028, the Final Technical Report for Contract DAAK10-79-C0083, "Process Parameters for Banding 155-mm, M483A1 Projectiles in High Capacity Inertia Welding Machine



S ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND LARGE CALIBER WEAPON SYSTEMS LABORATORY DOVER, NEW JERSEY

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PREFACE

The ultrasonic scanning tapes presented in this appendix were generated in connection with a quasi-production run of 261 cach M83Al Projectiles with inertia welded rotating bands. The bands were welded during the period 2 February through 13 March 1961 at Chamberlain's New Bedford Division.

Of the 261 projectiles involved in the quasi-production con, 120 were selected for test firing at Aberdeen Proving Ground. Ultrasonic scame of these 120 projectiles are presented in this appendix in the following quantities:

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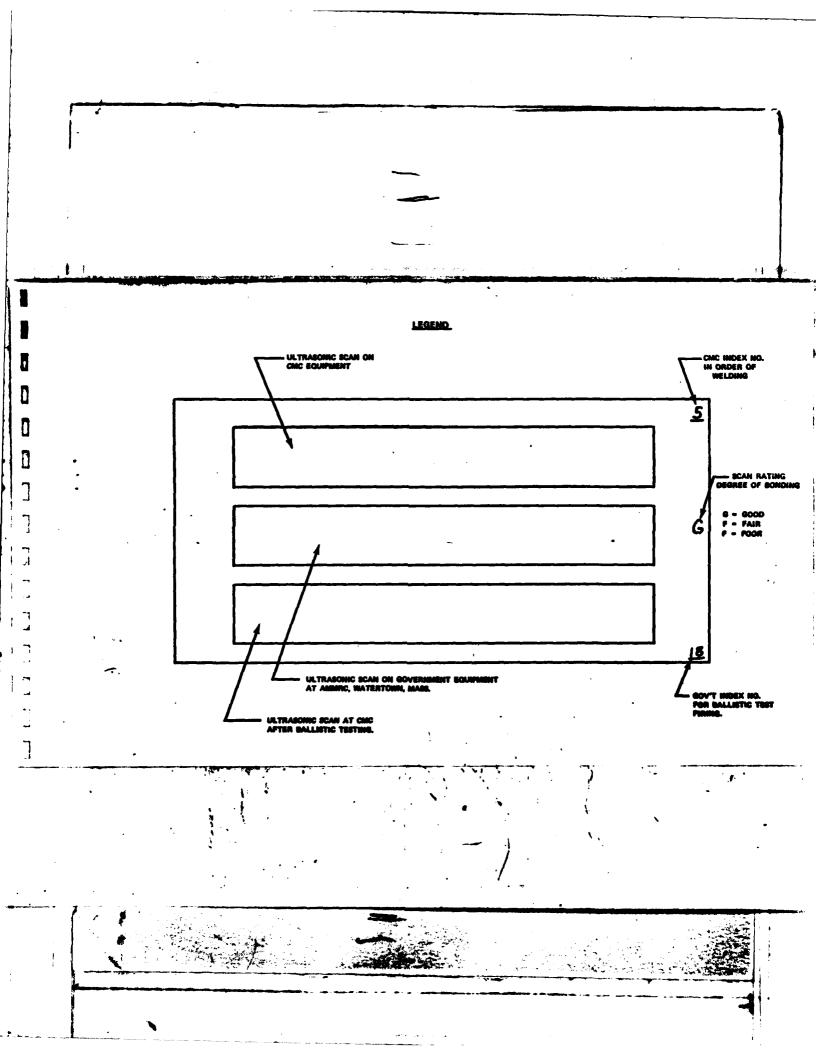
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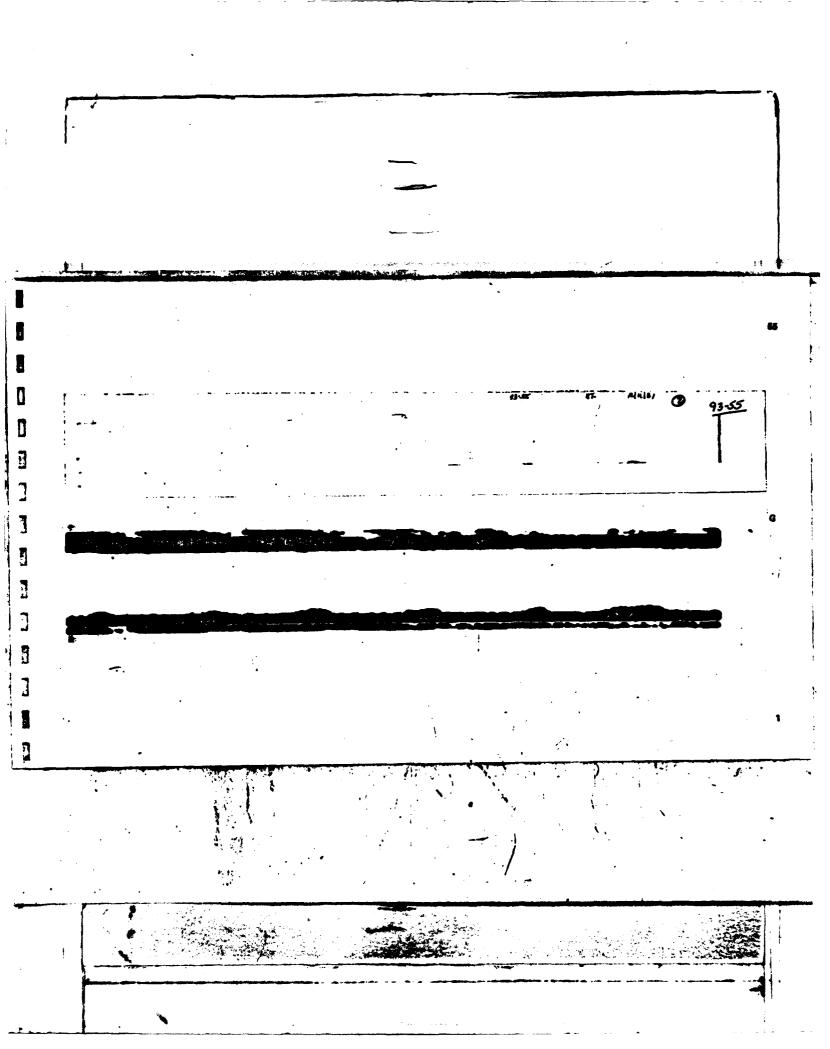
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A legend explaining how the scanning tapes are to be identified appears on the next page.

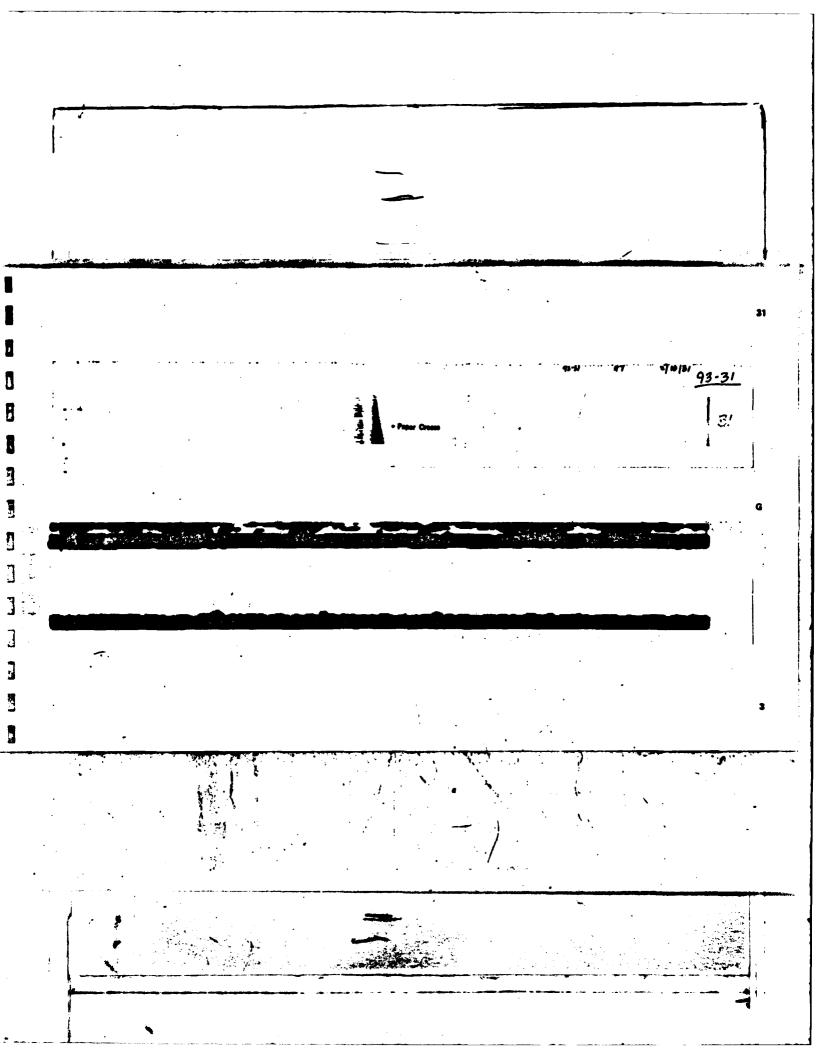


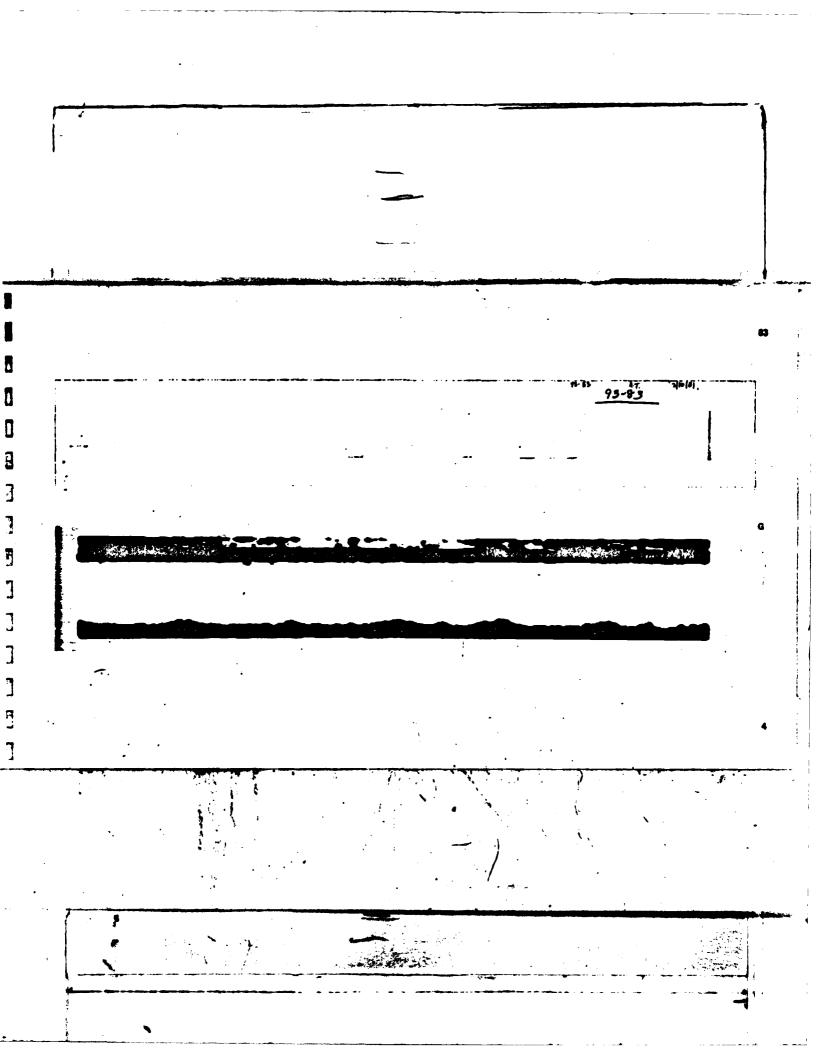






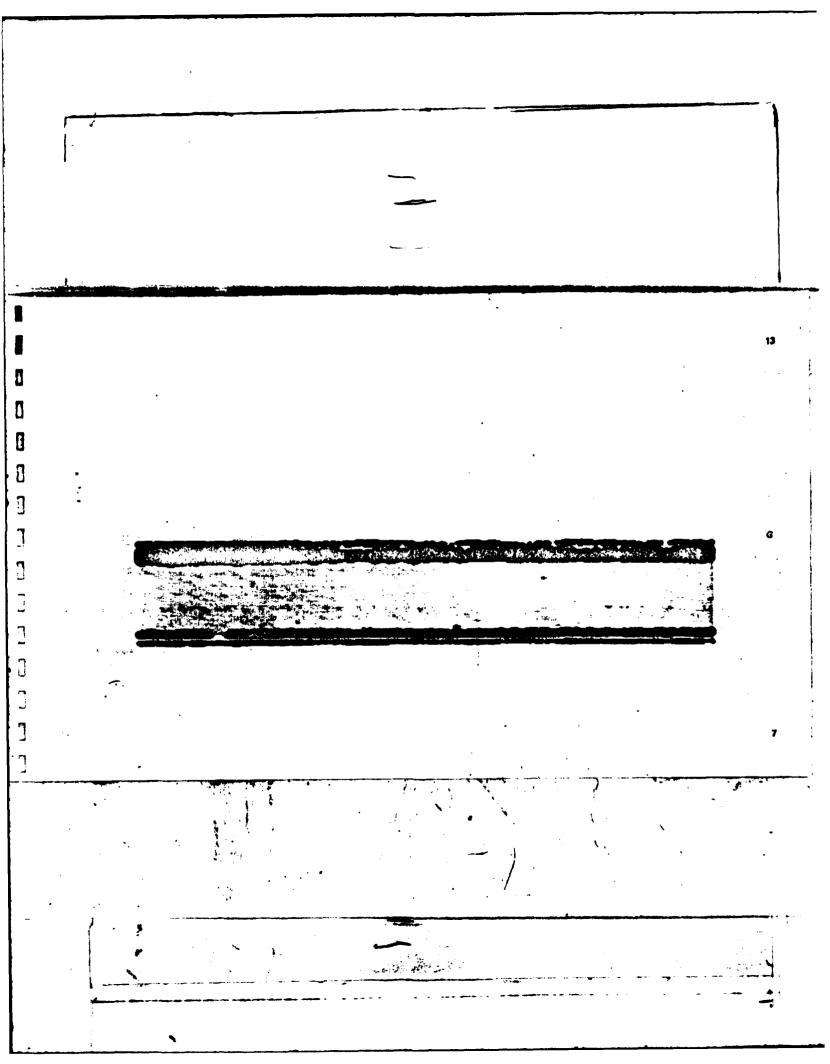
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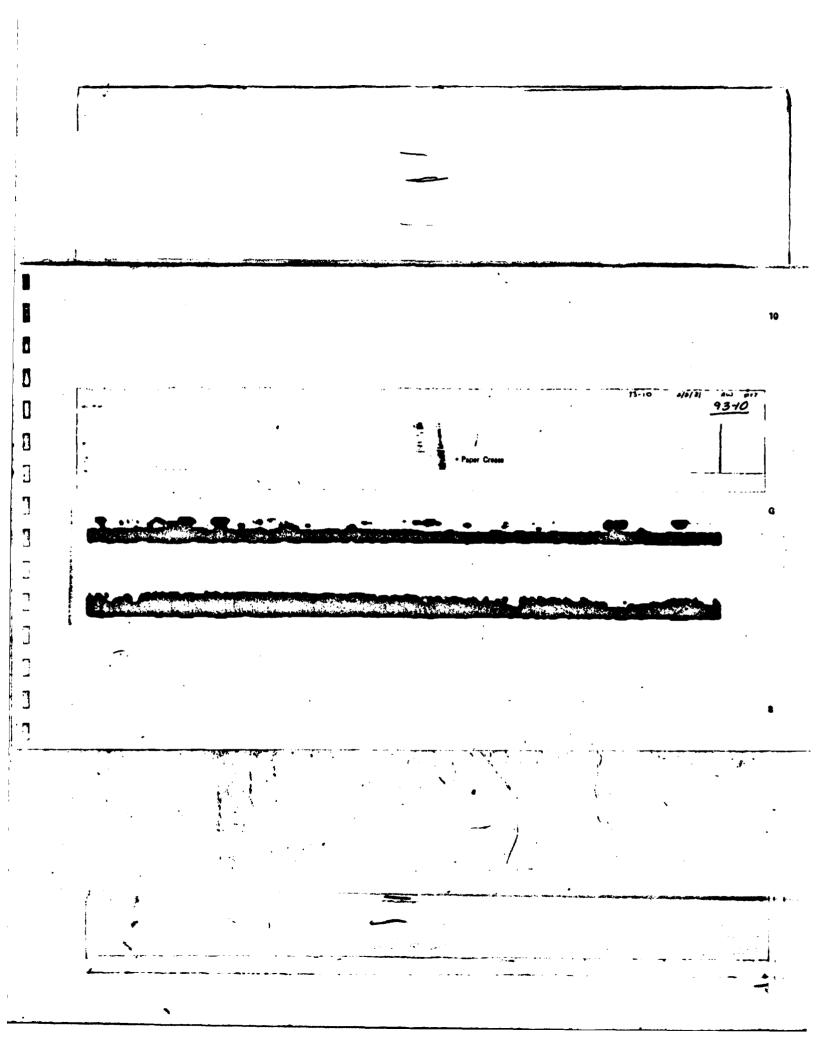


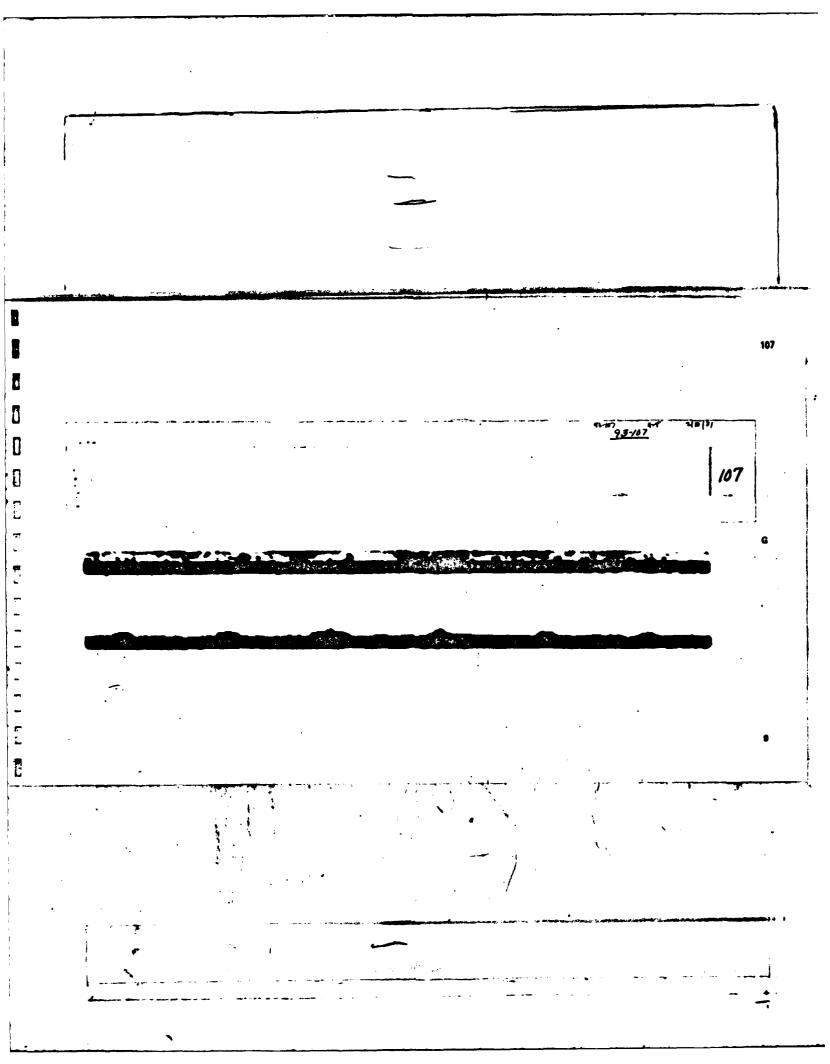


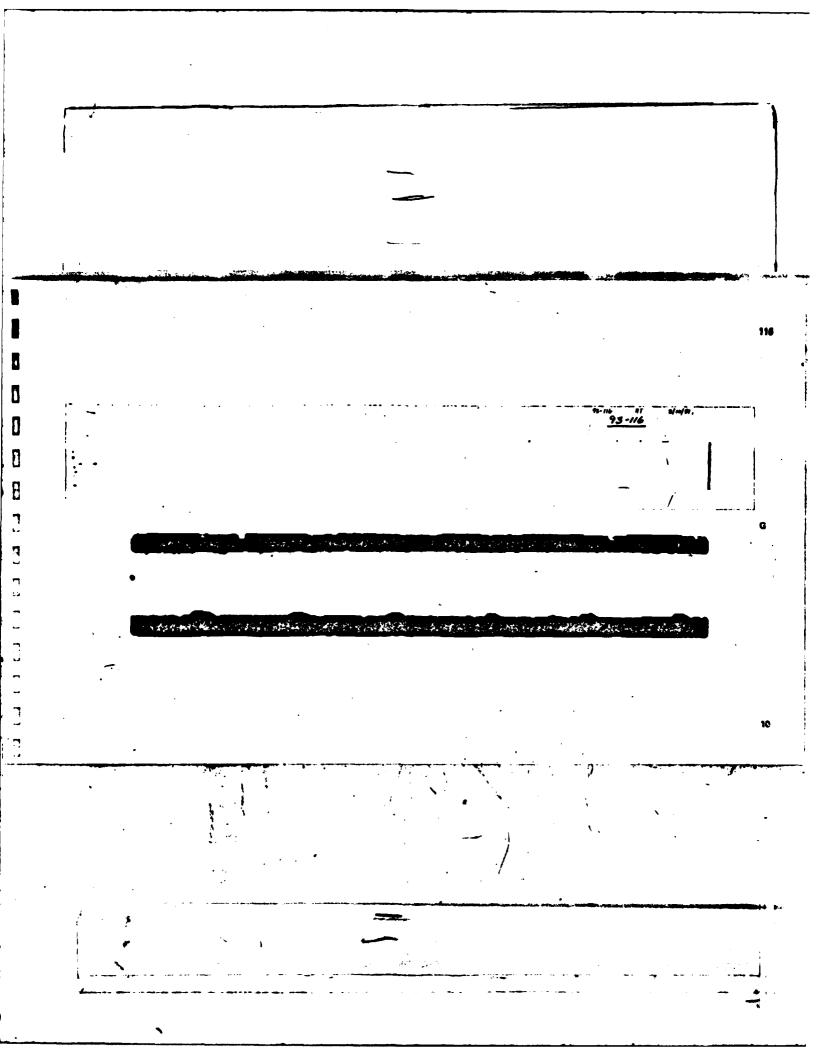
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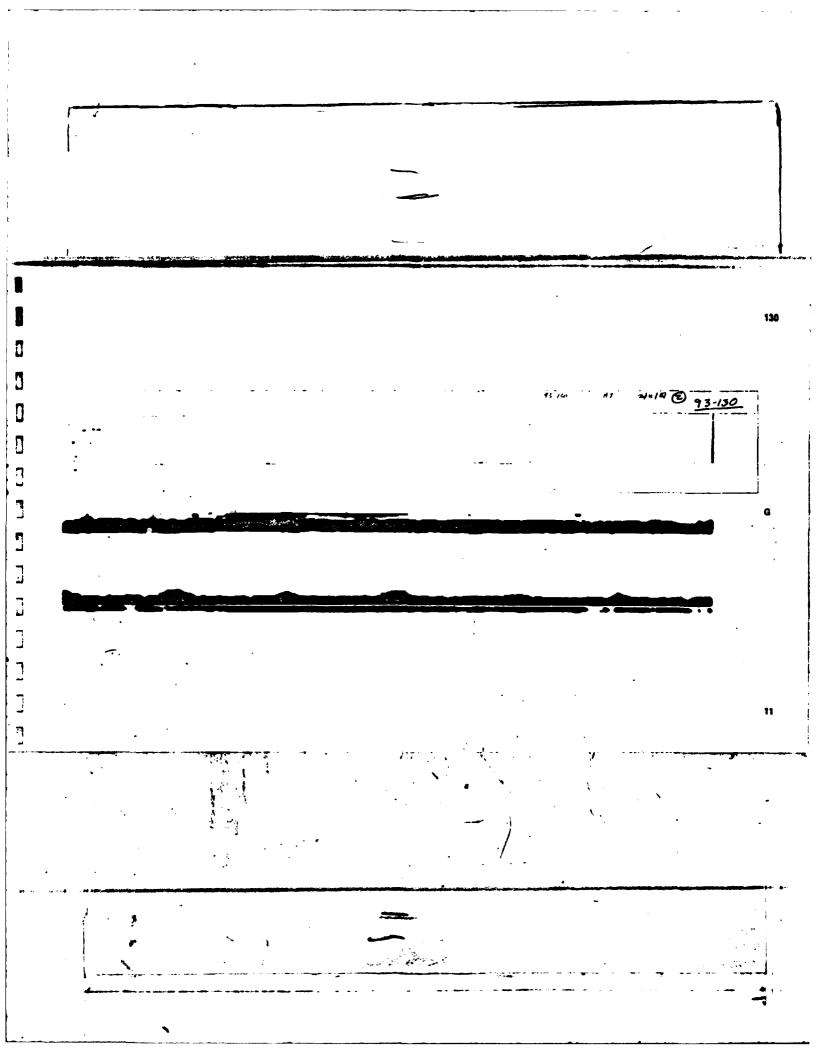
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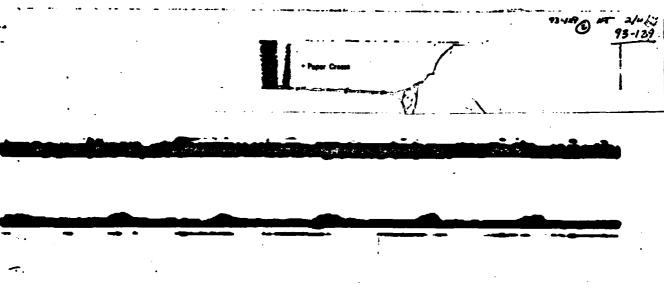


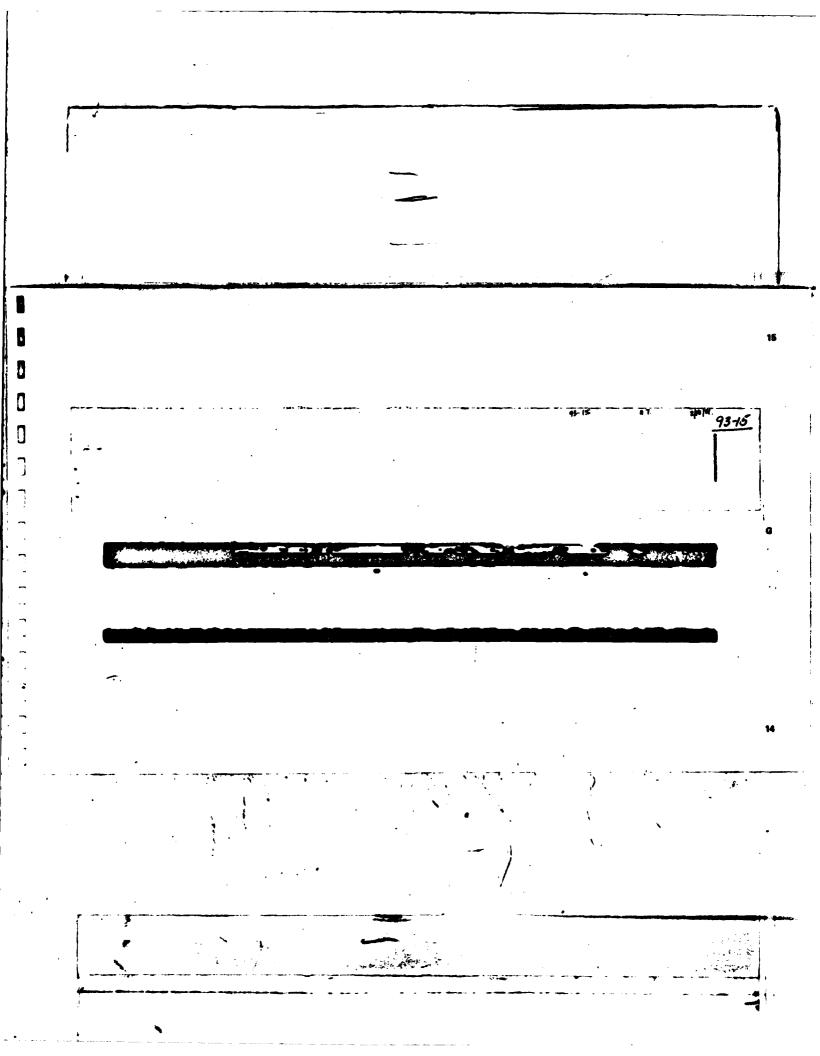


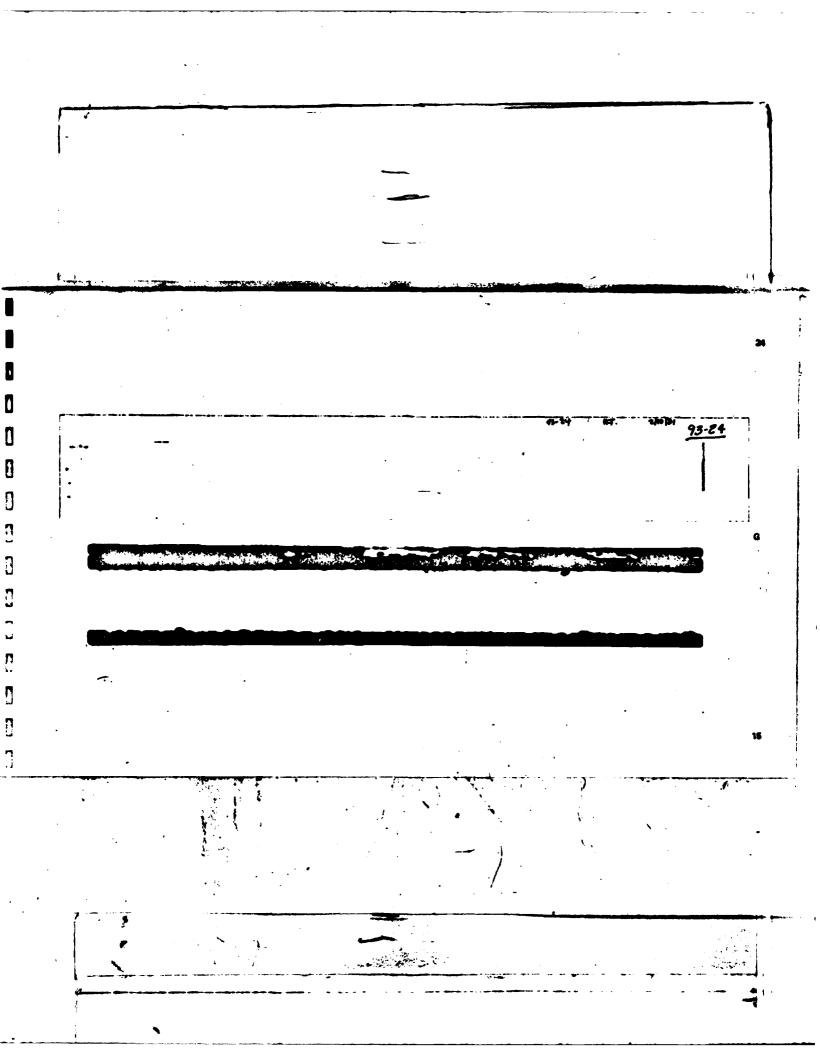


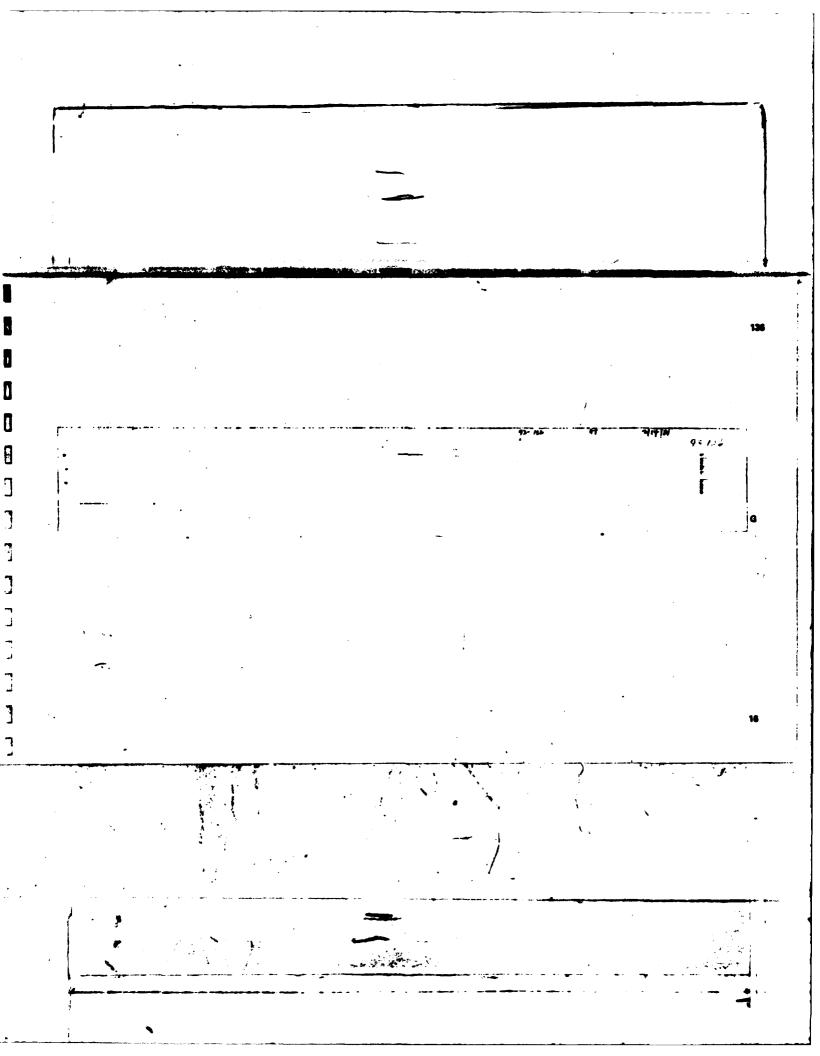


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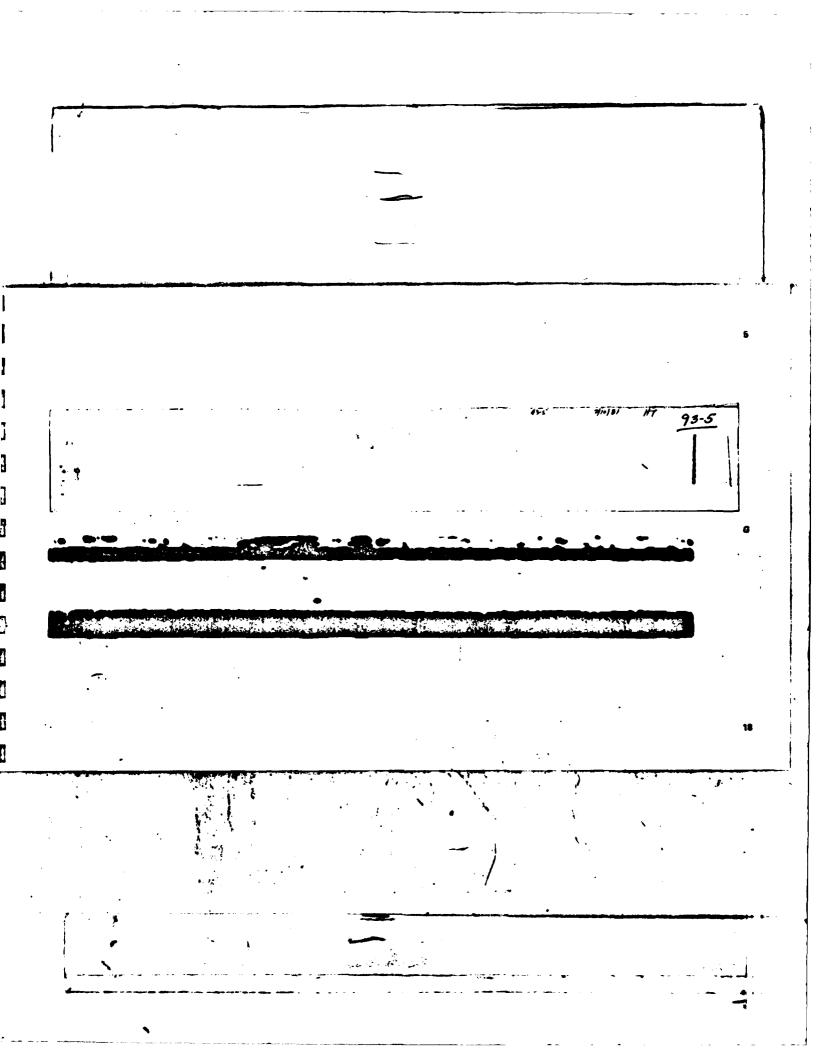


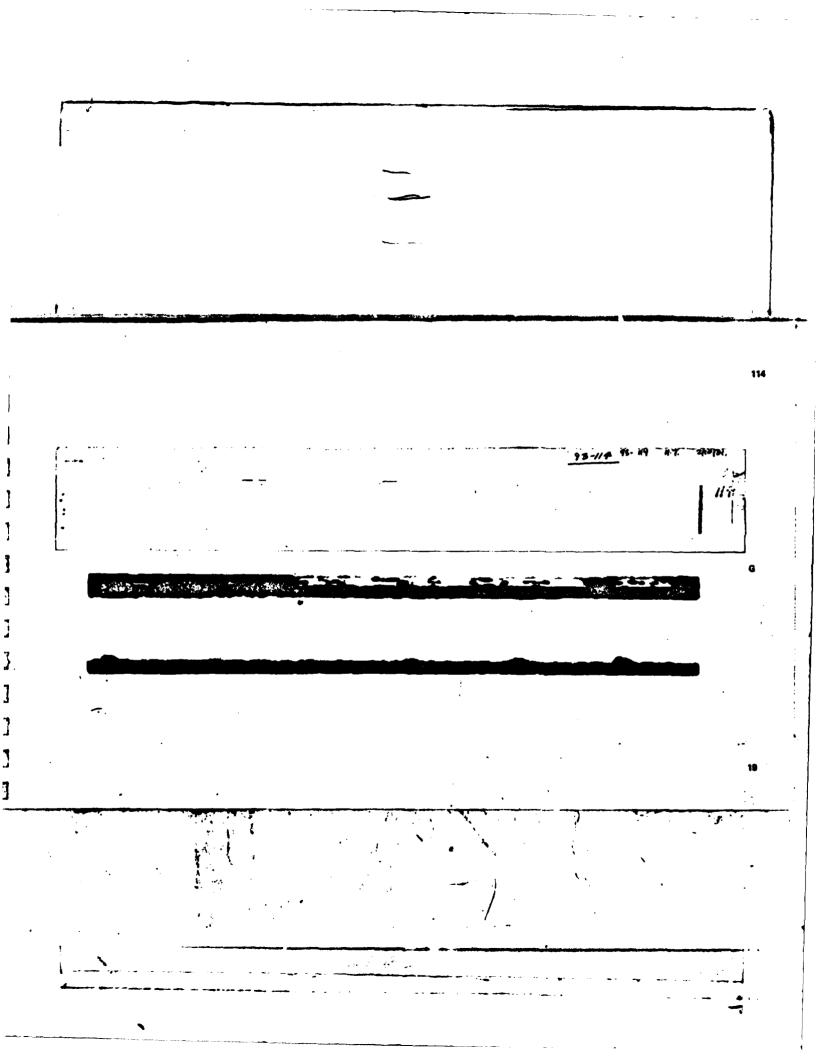


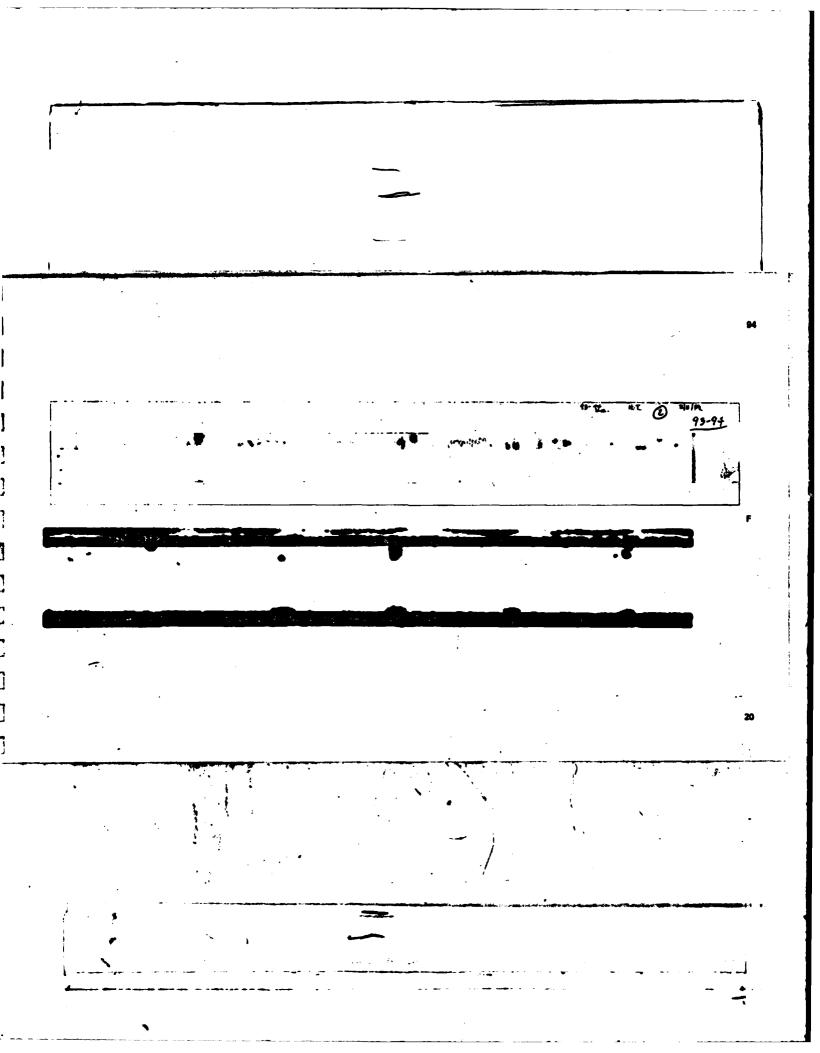


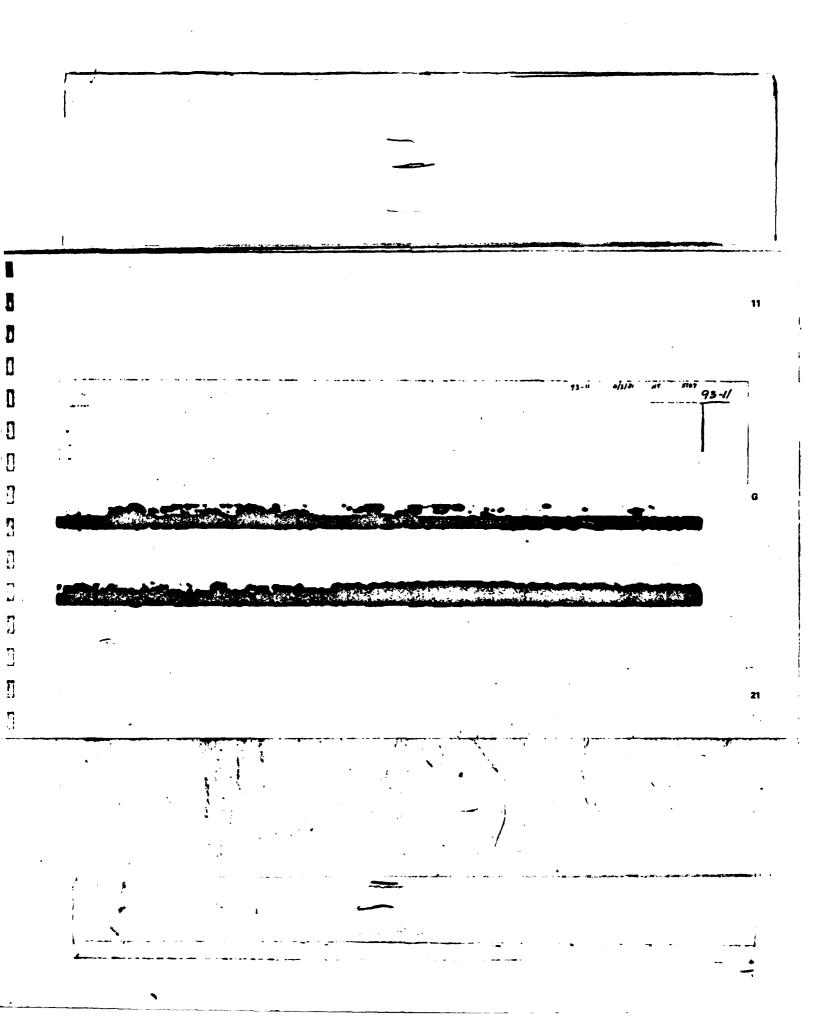


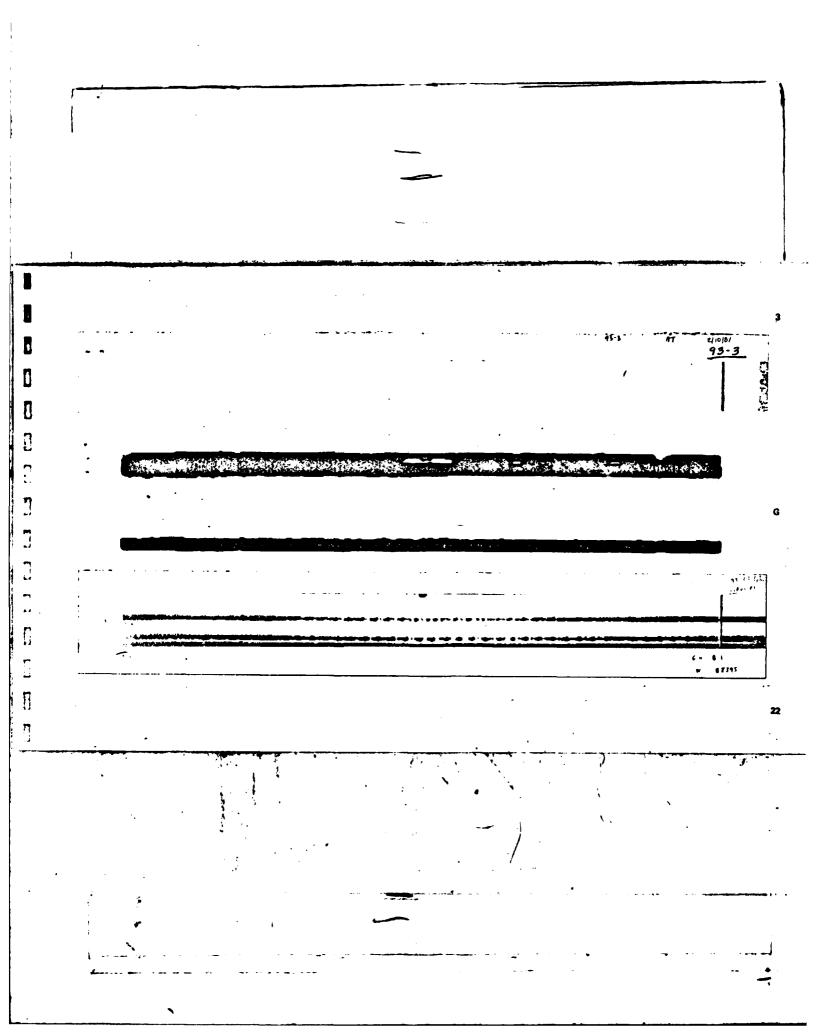
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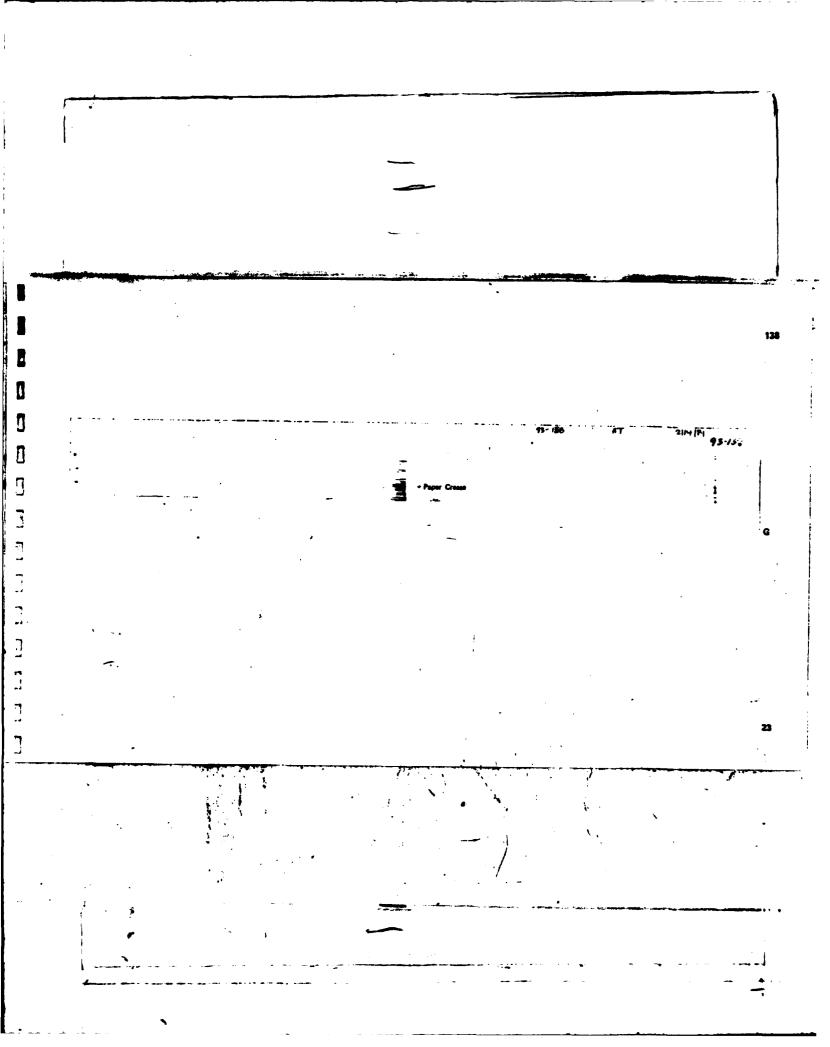


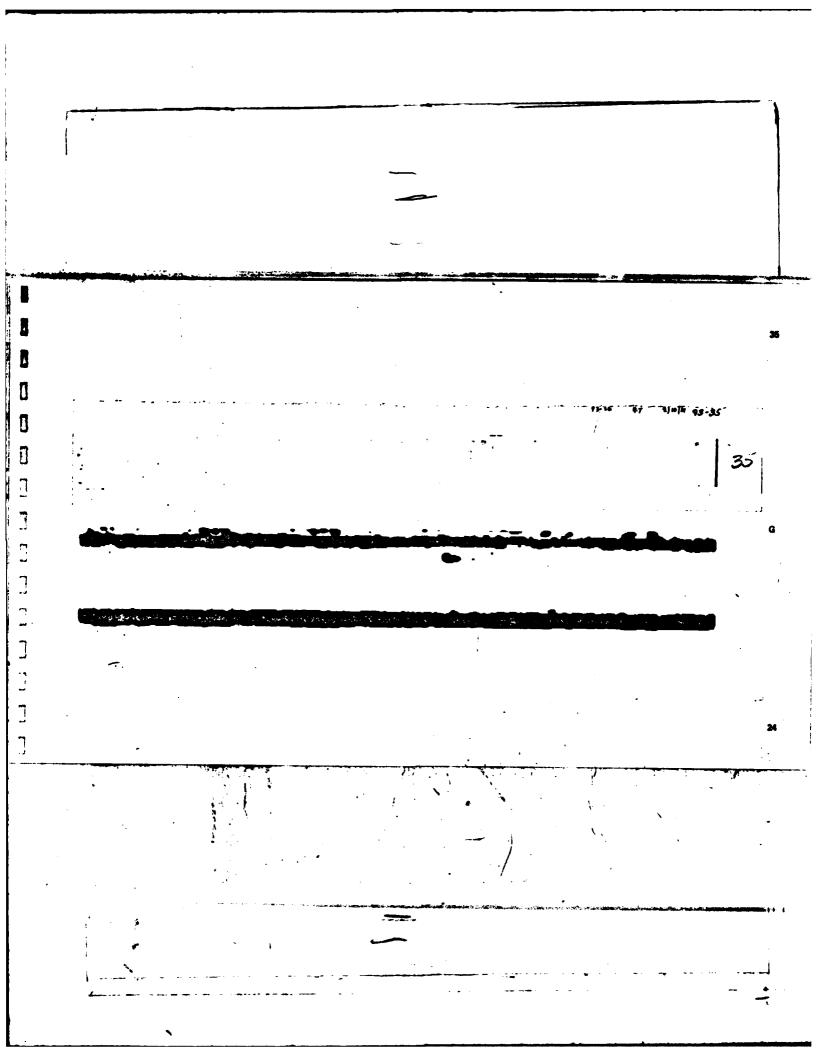


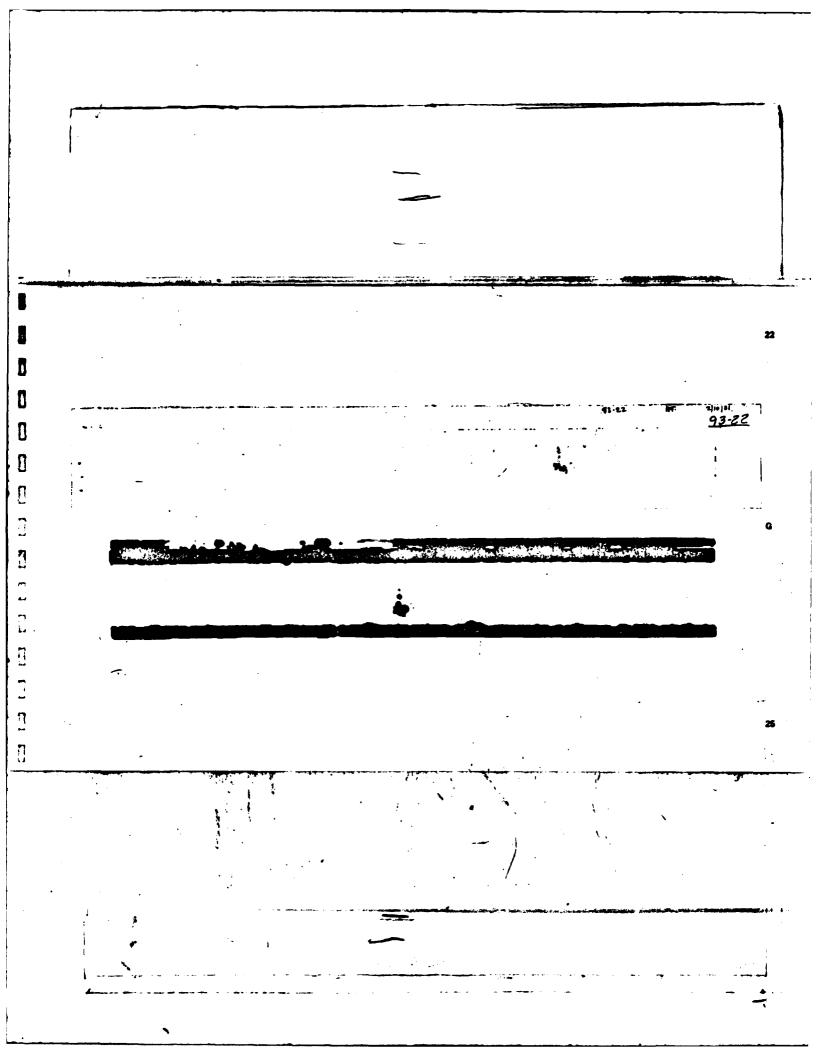


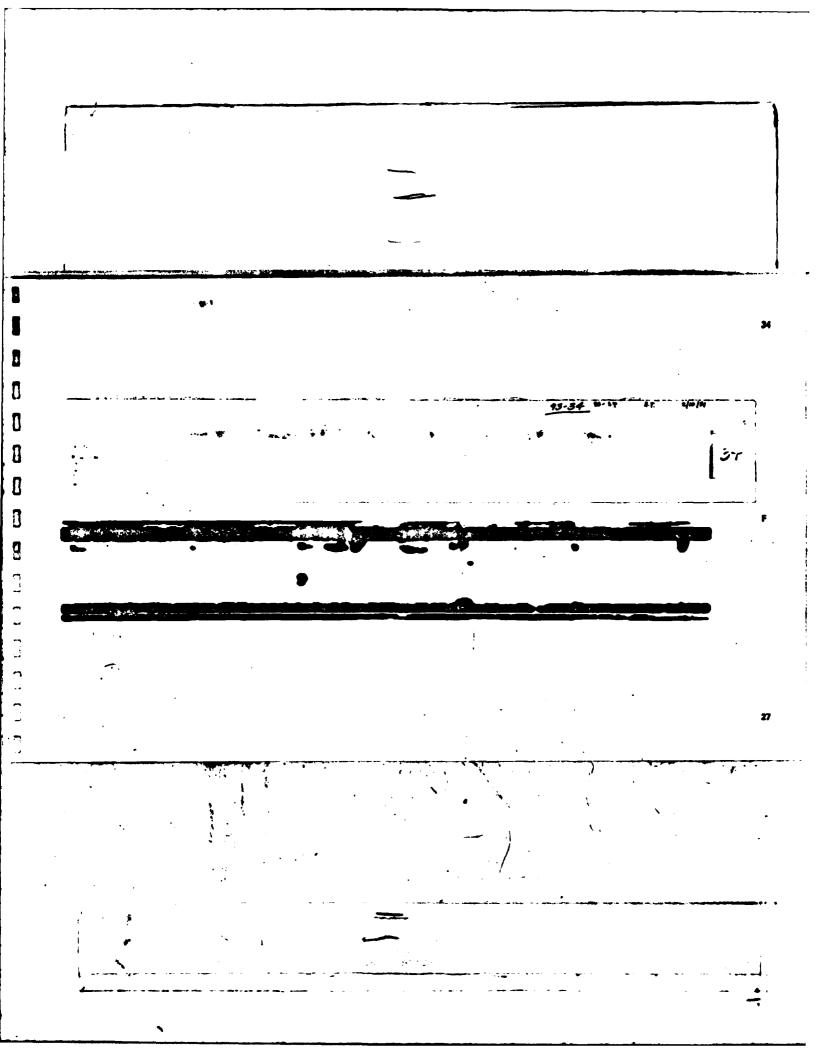


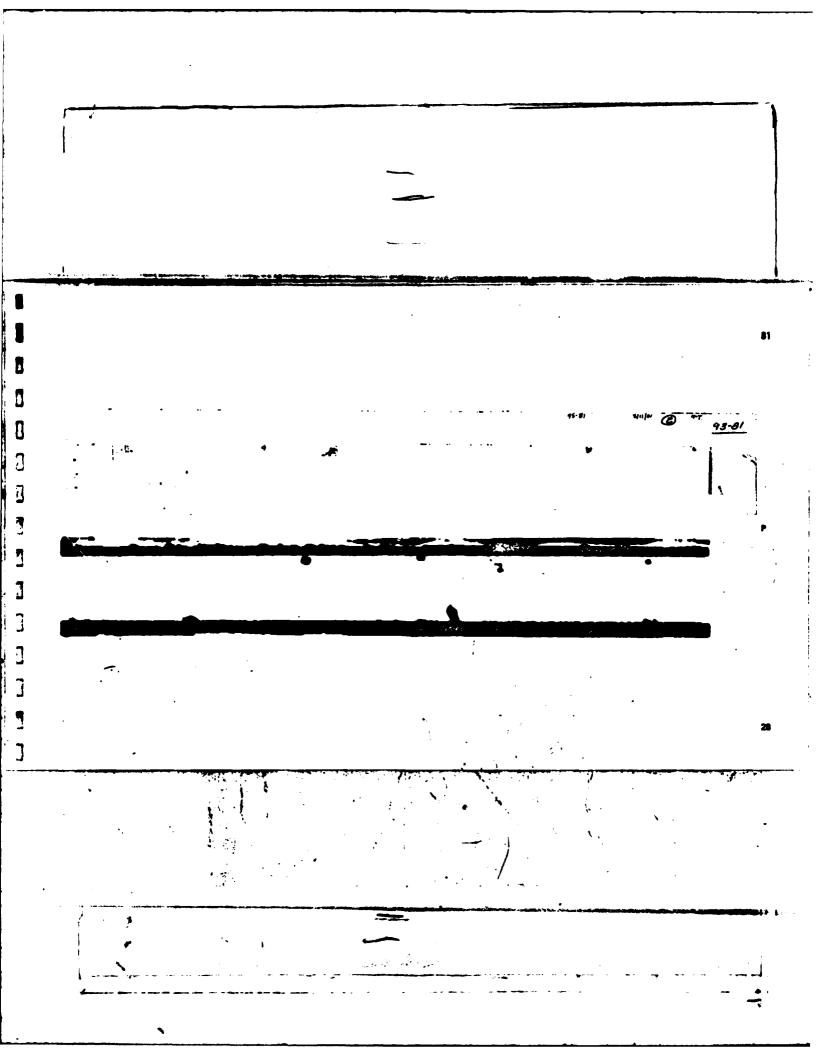


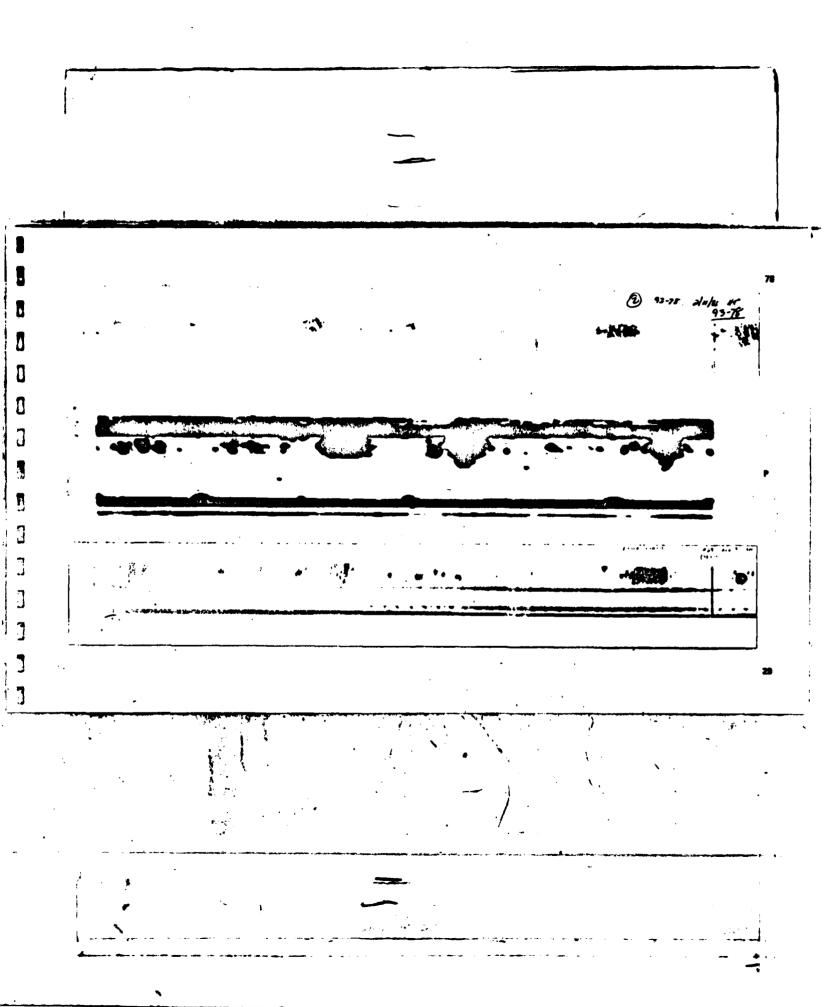






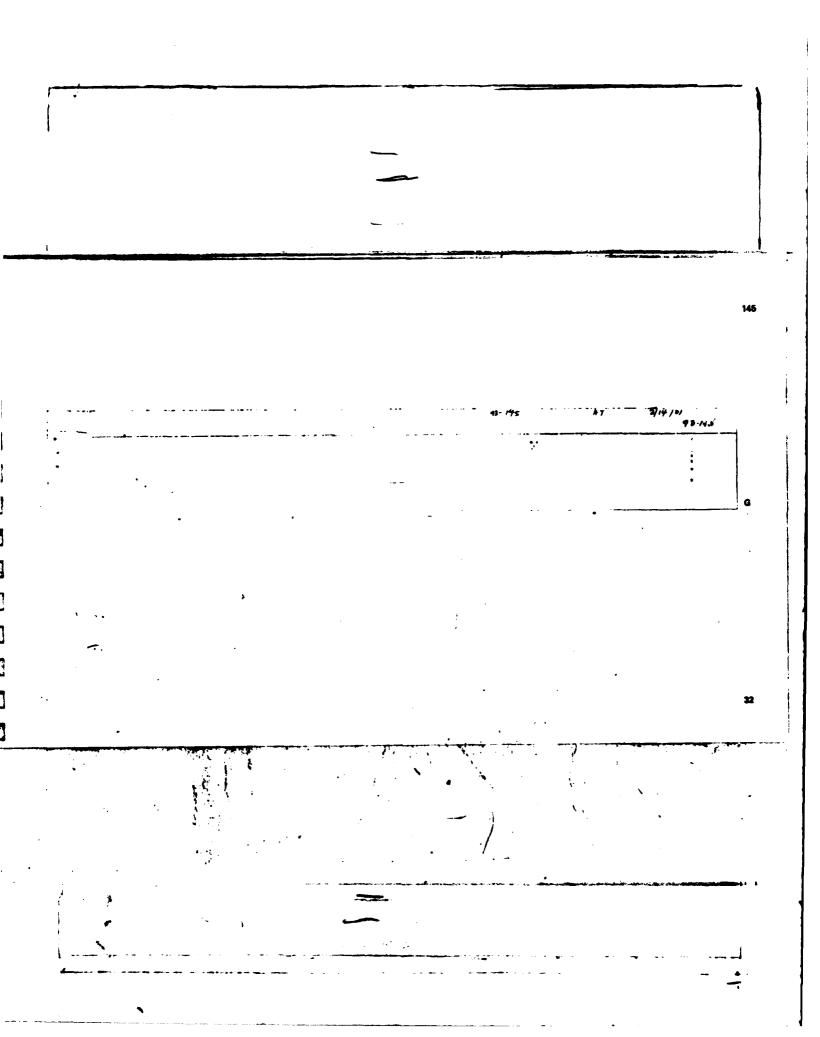




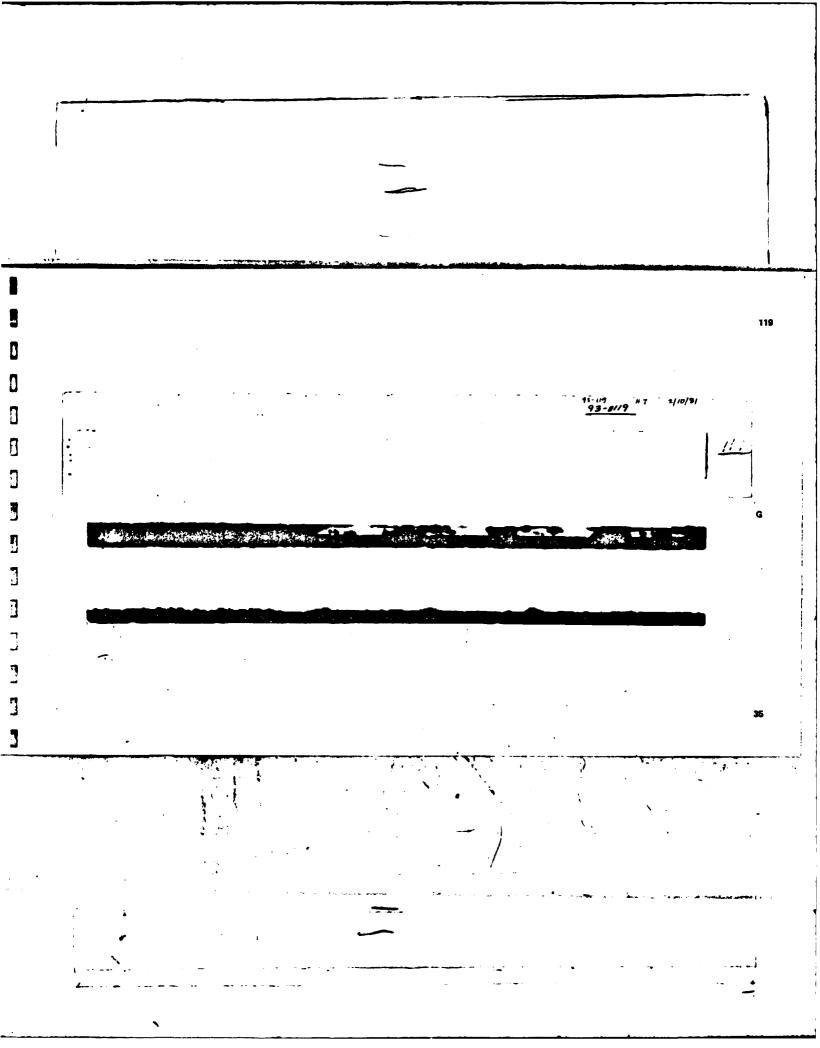


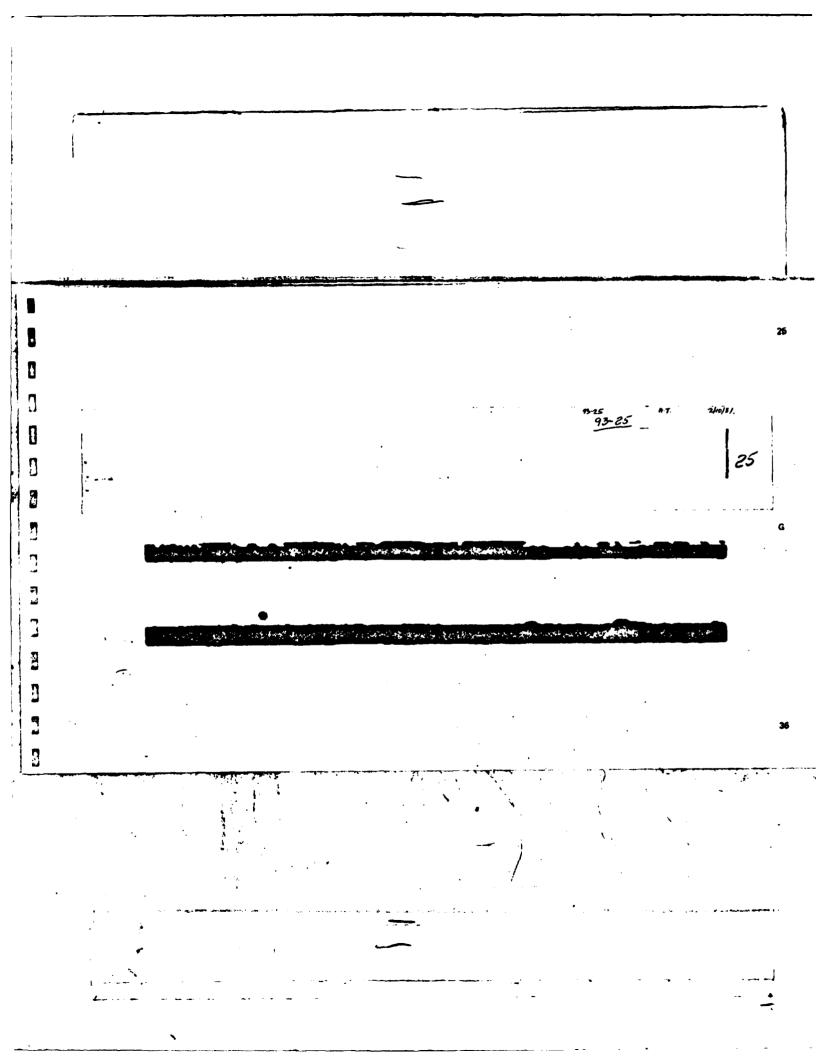
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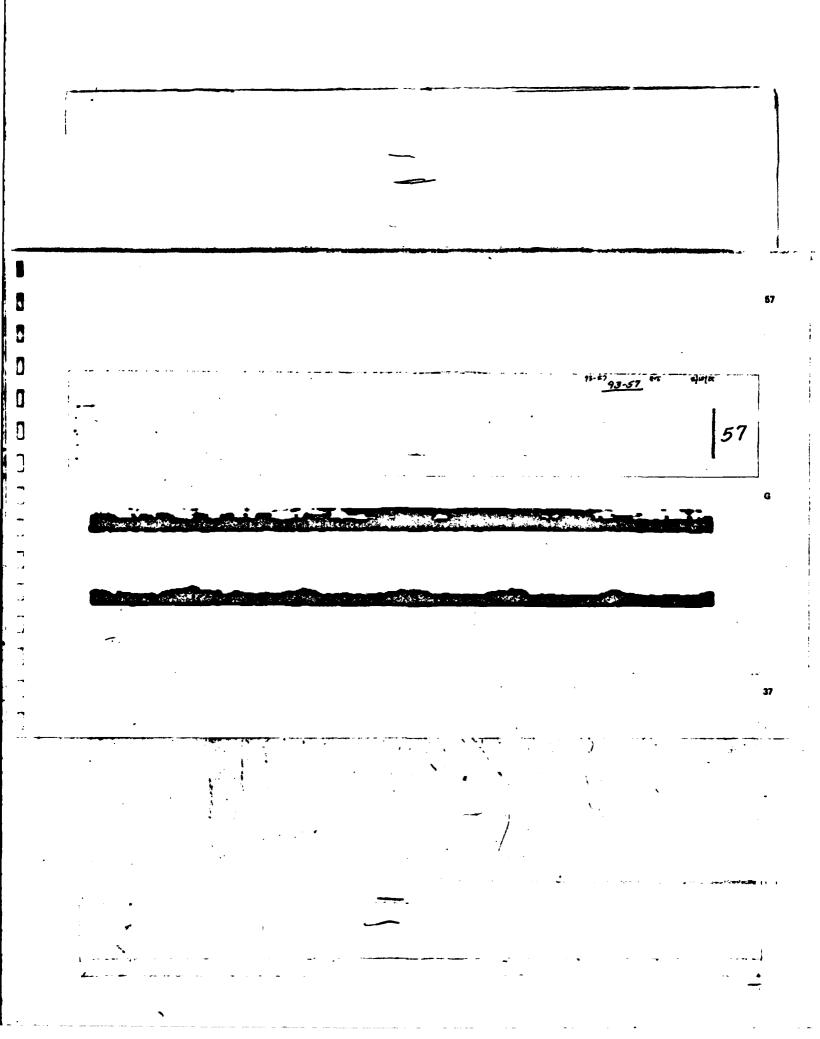
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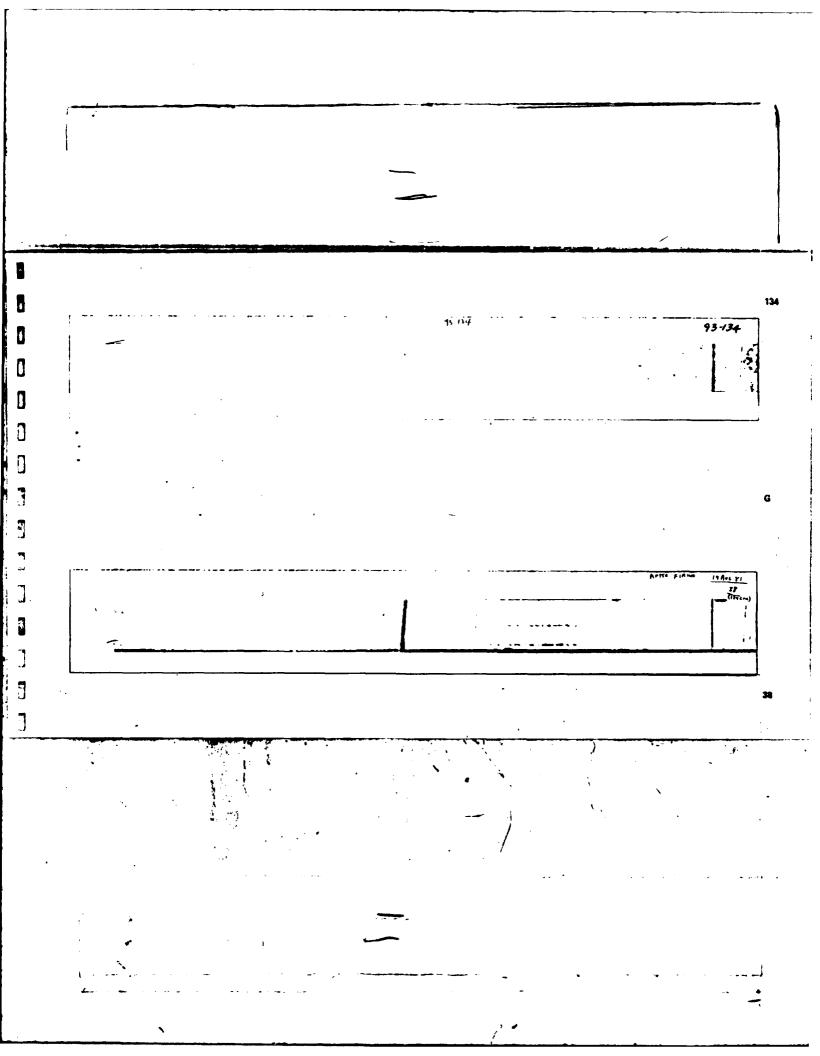


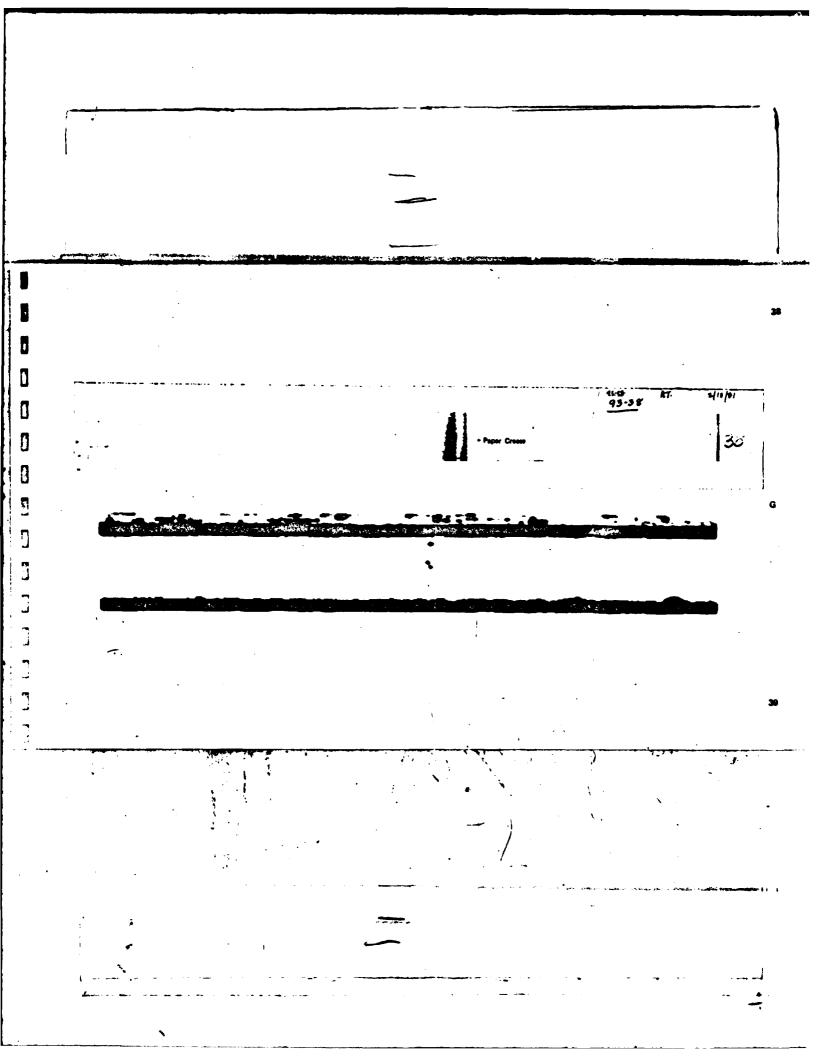
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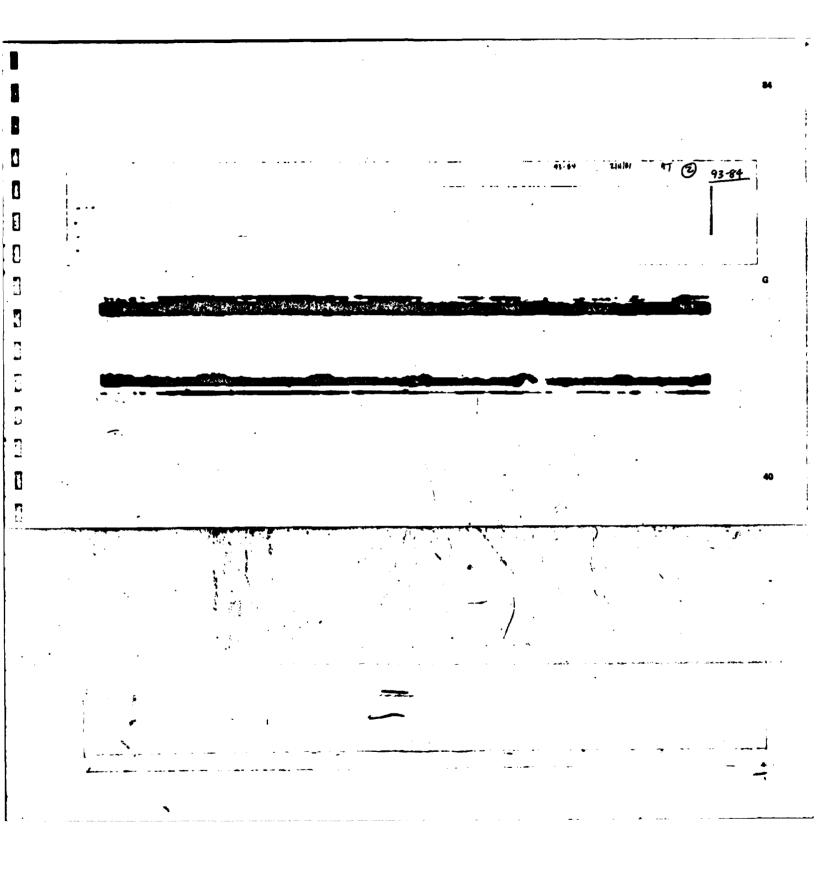


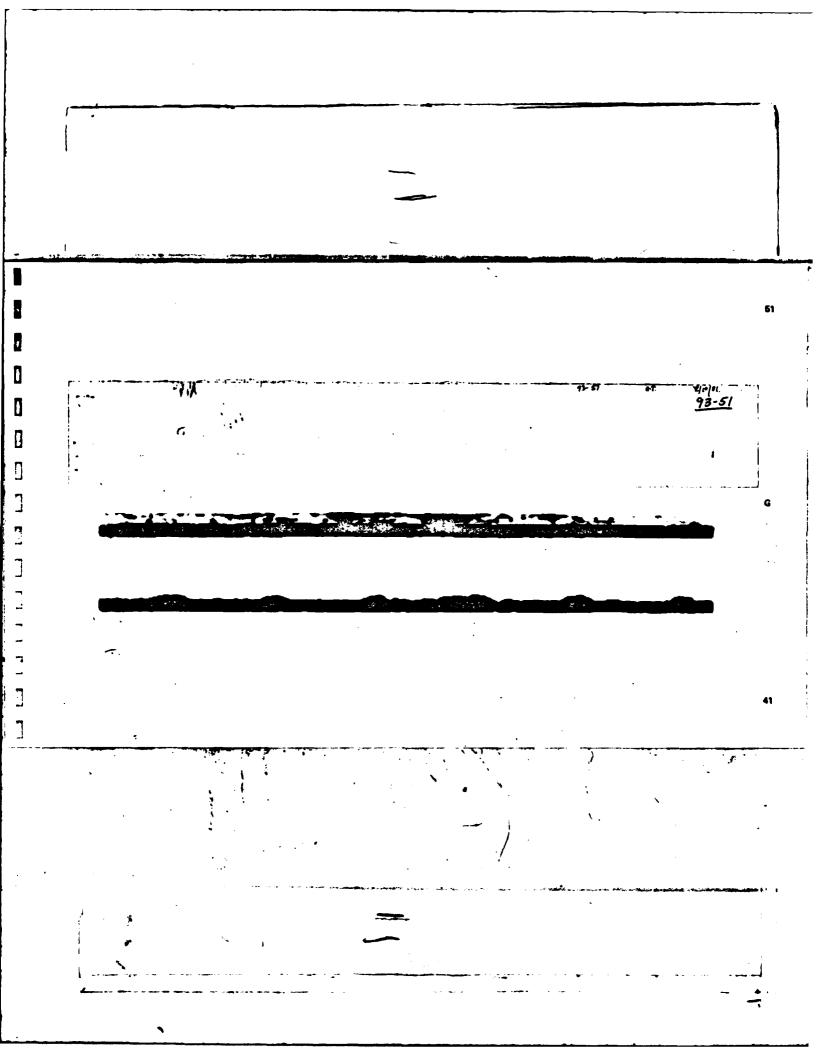


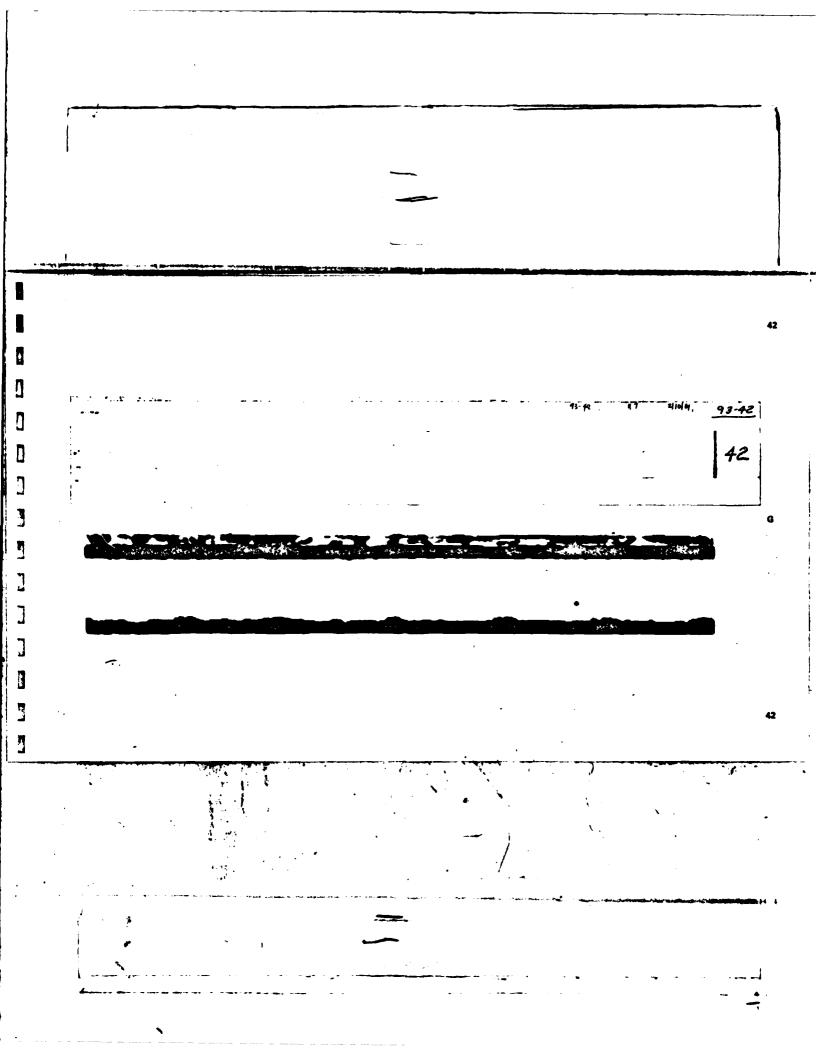


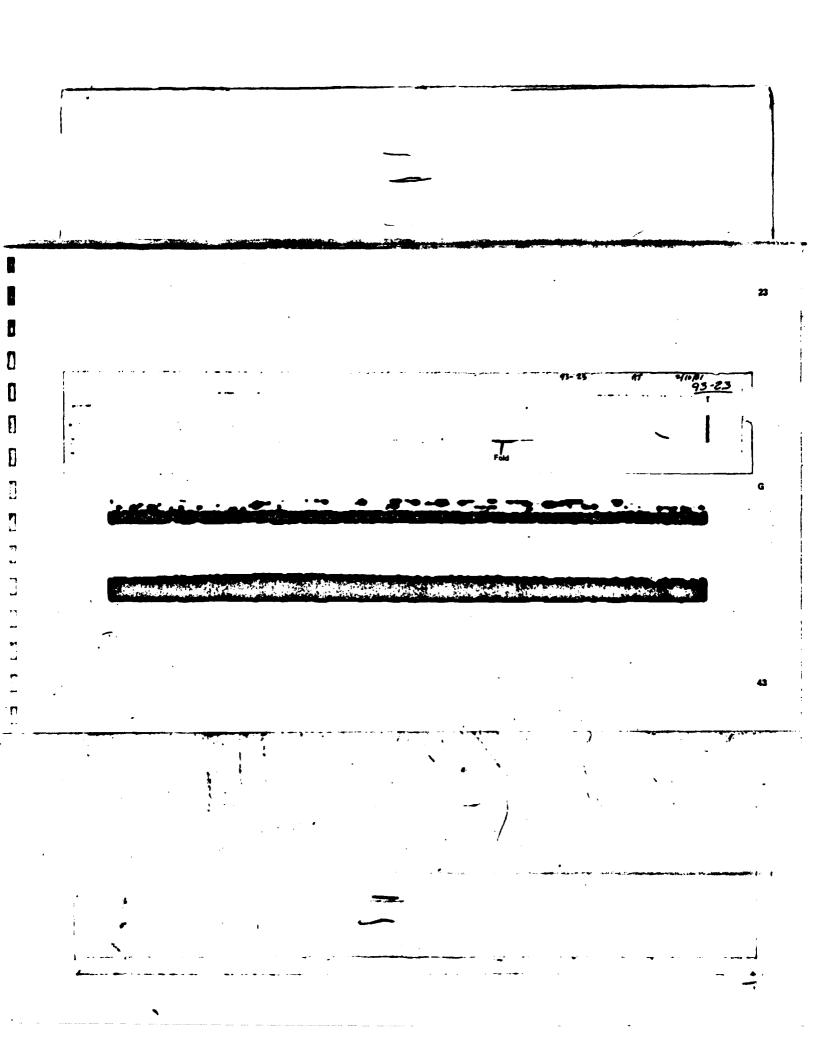


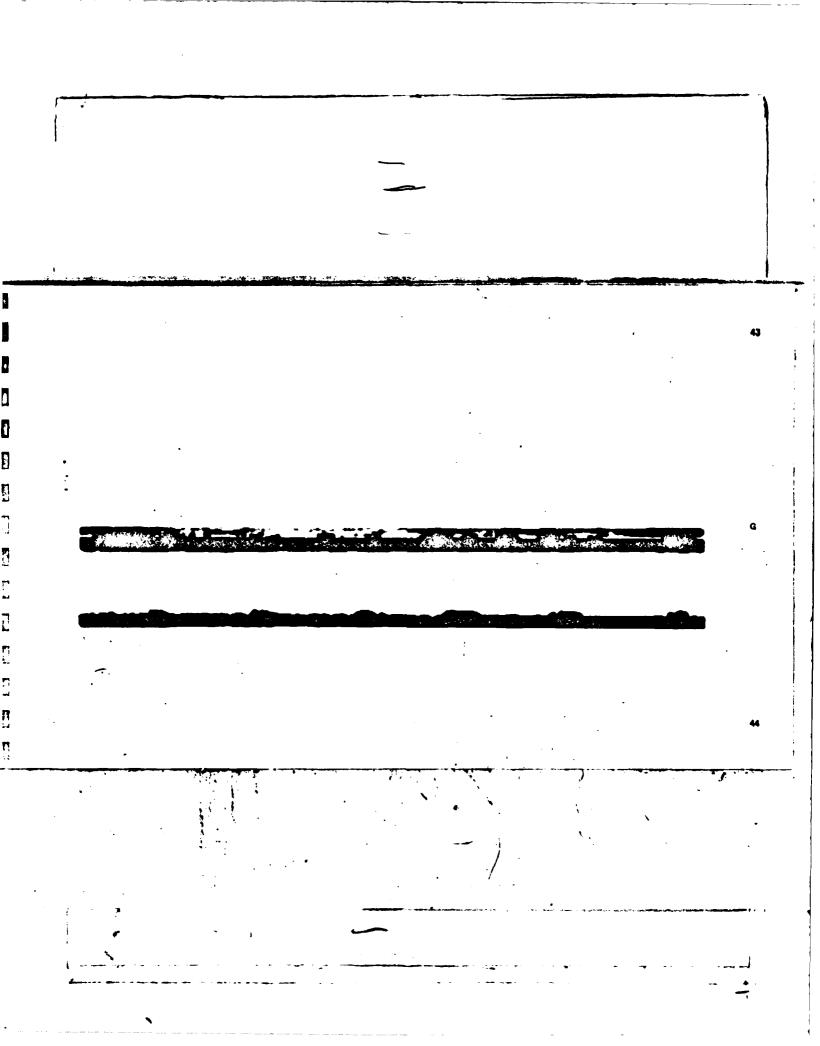


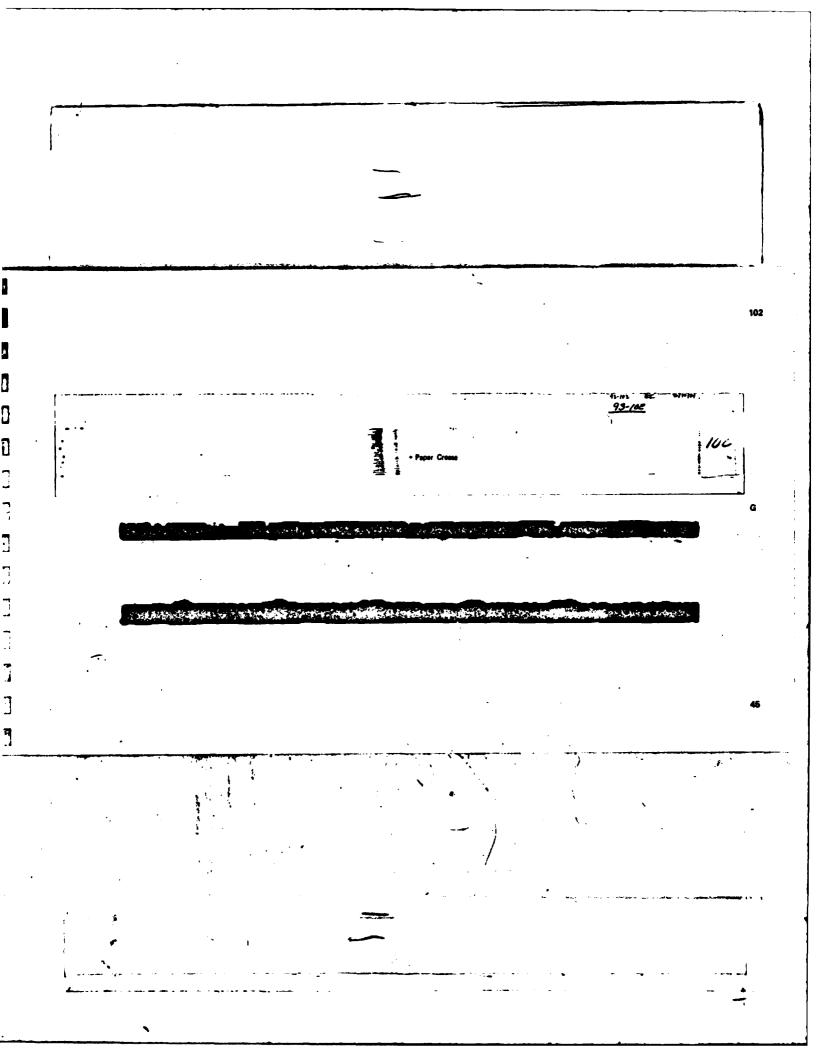


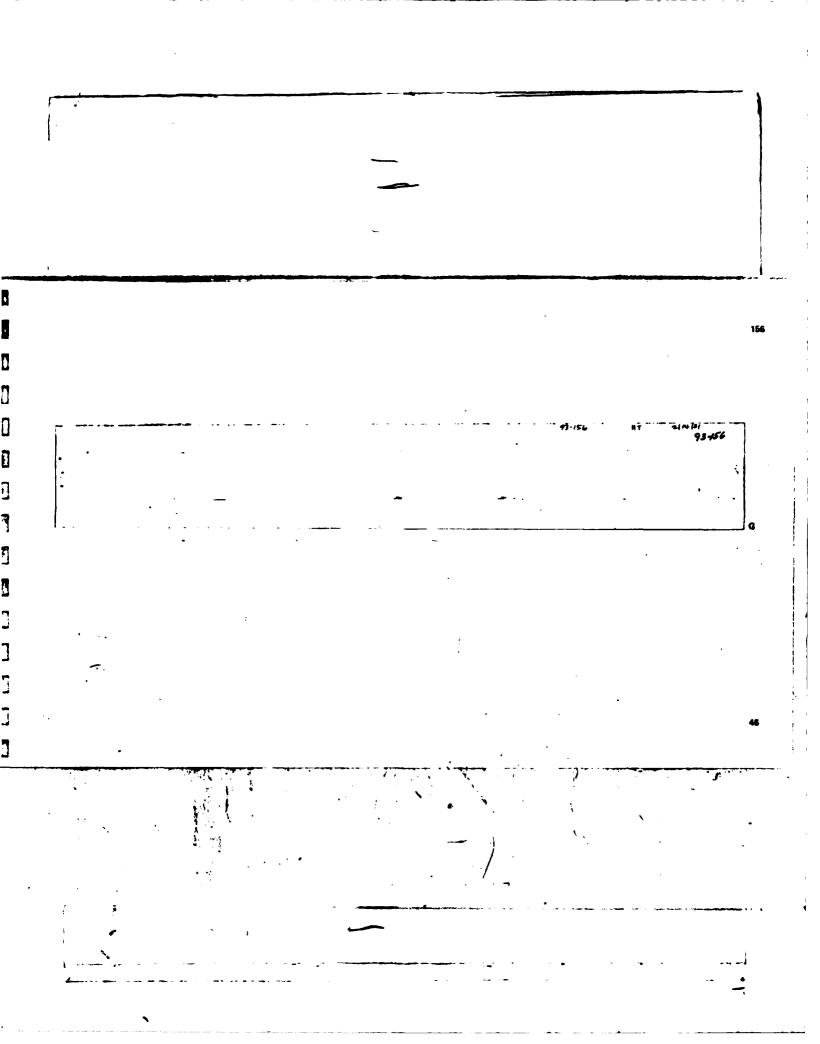


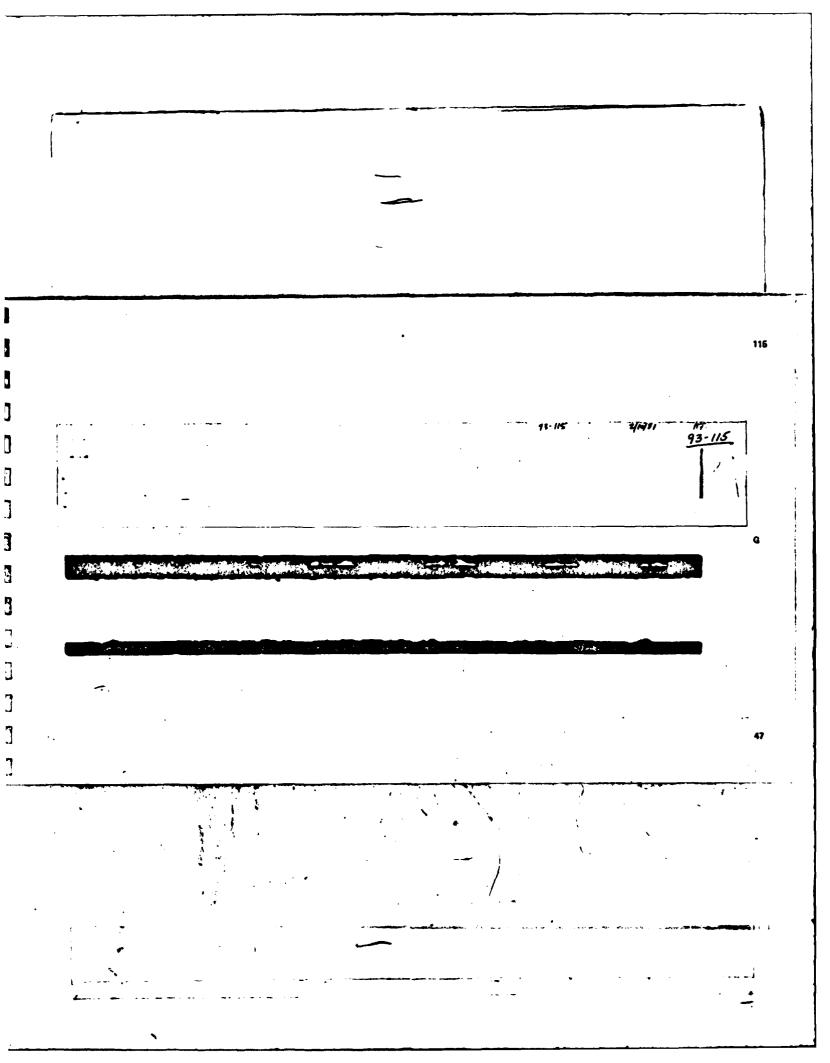


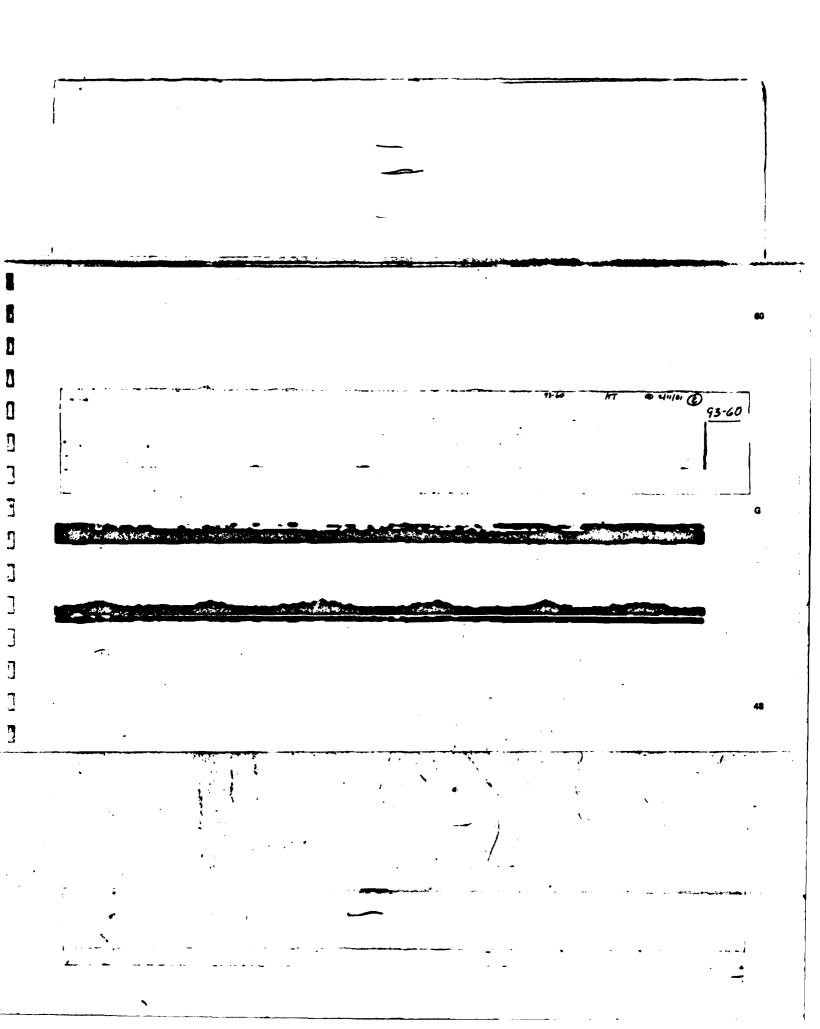


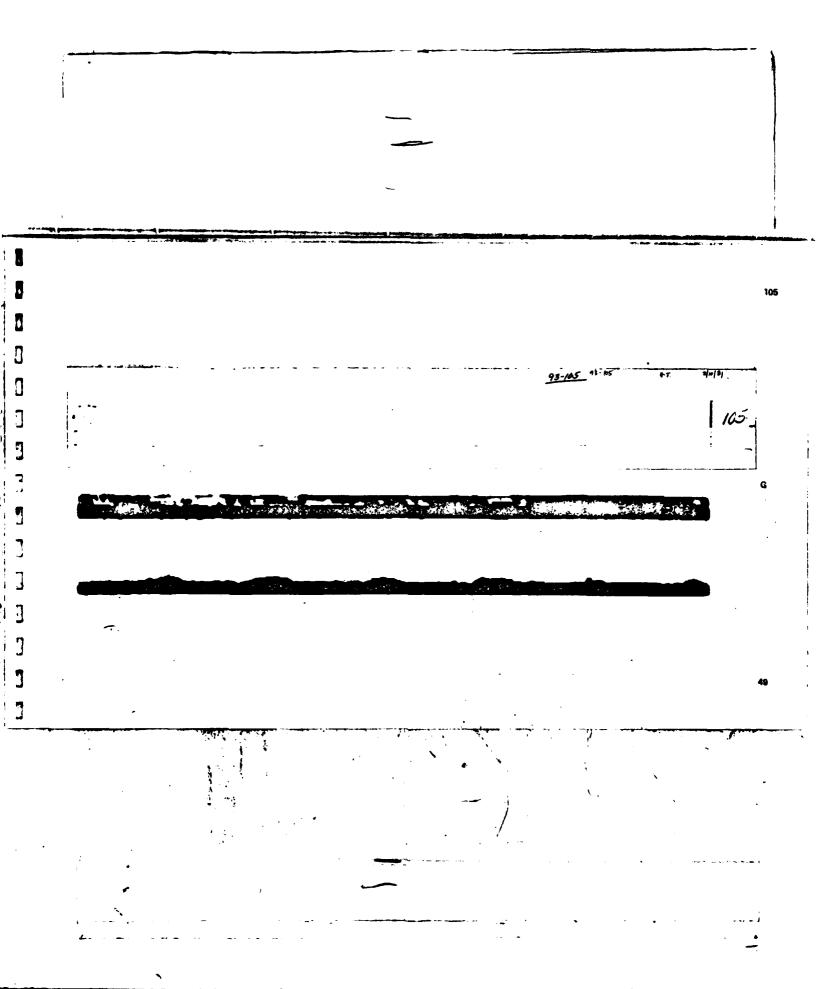




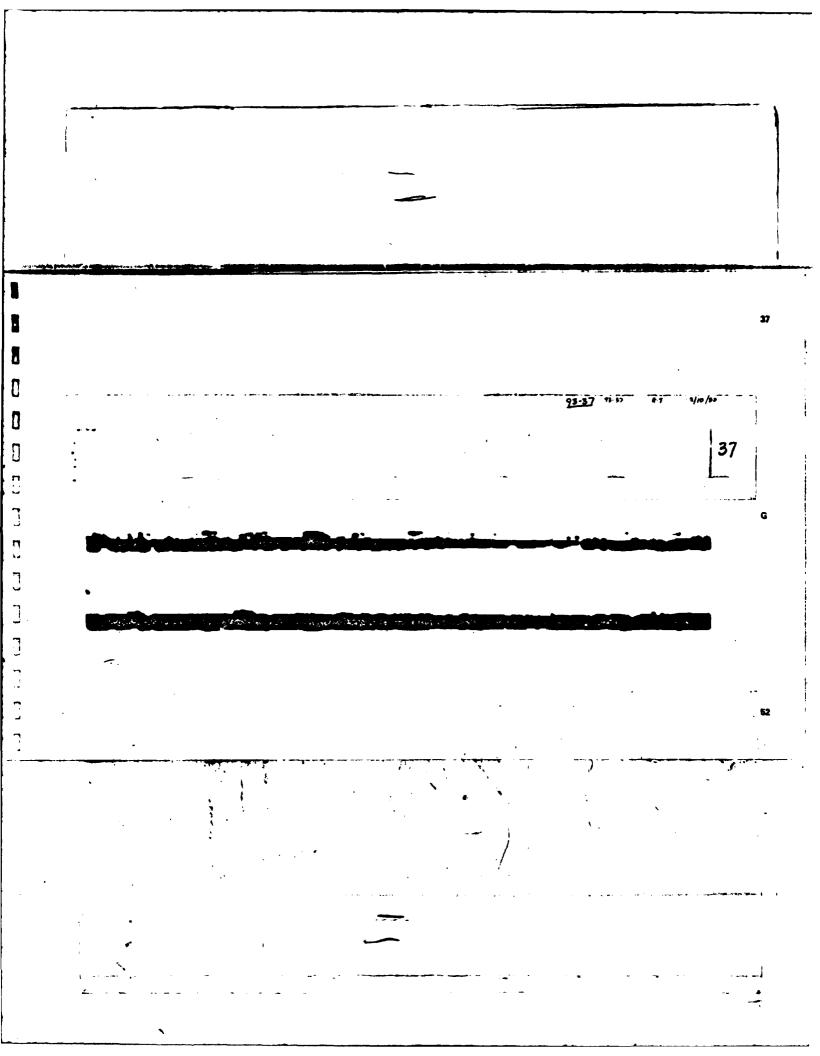




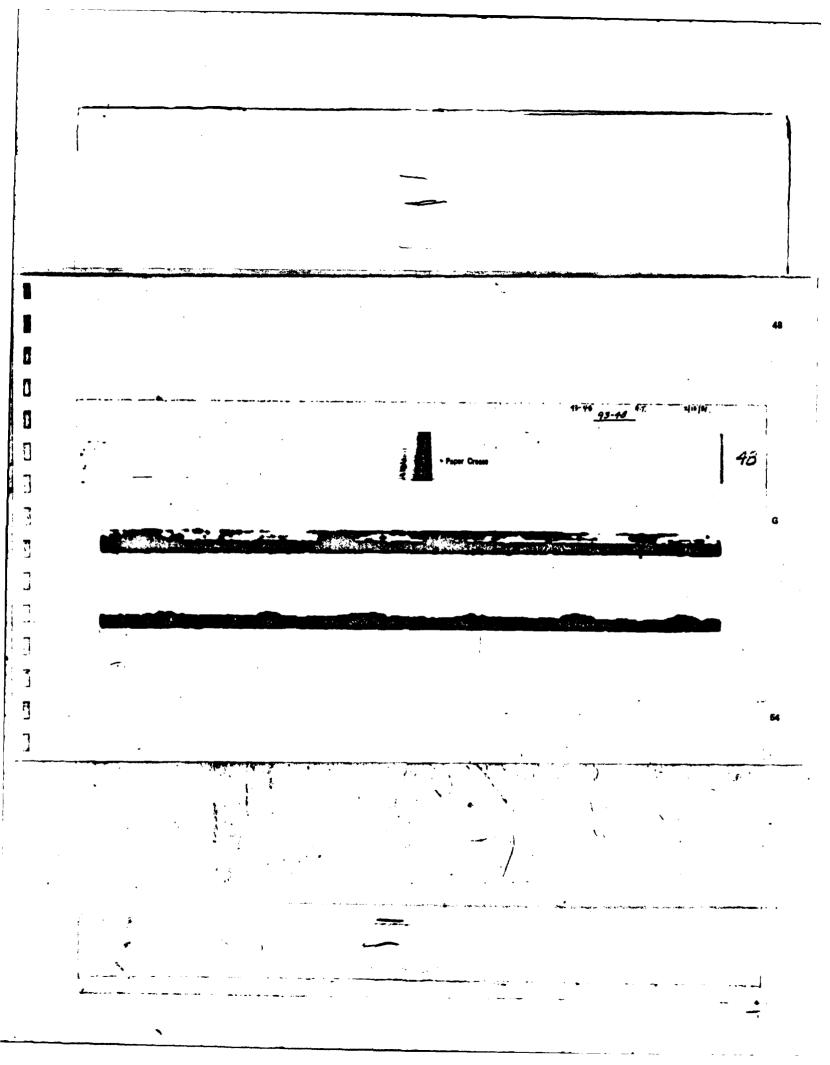




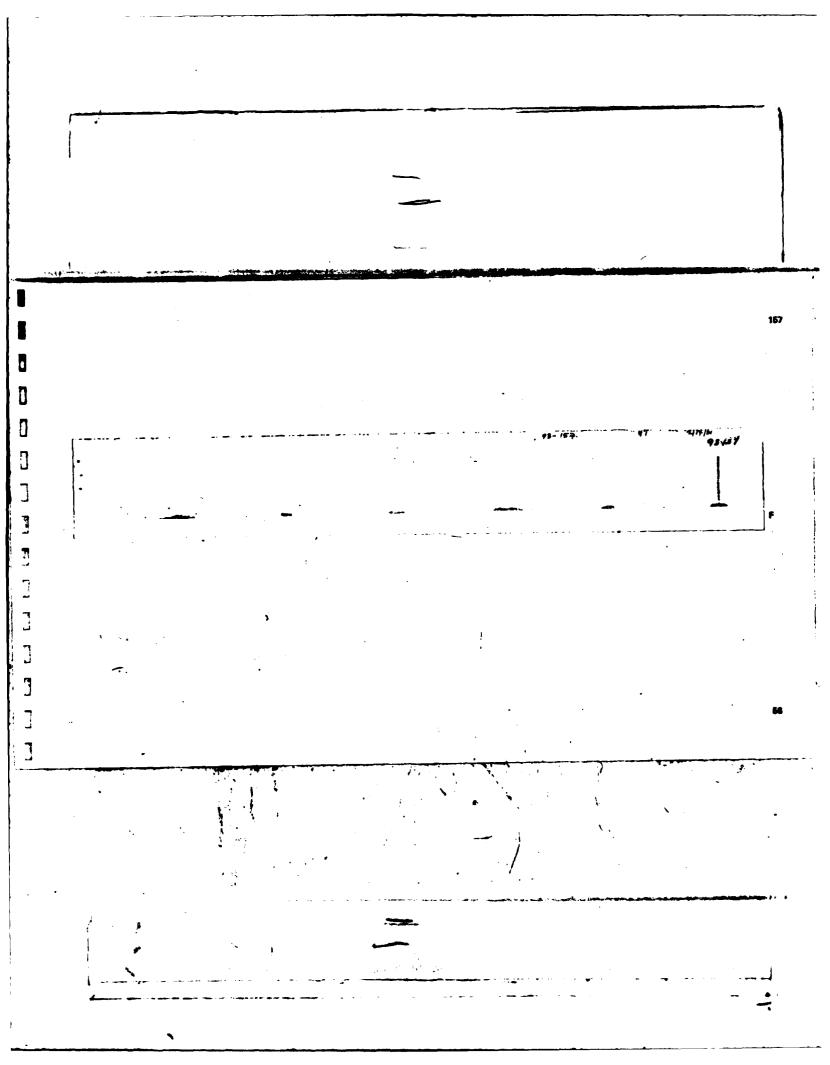
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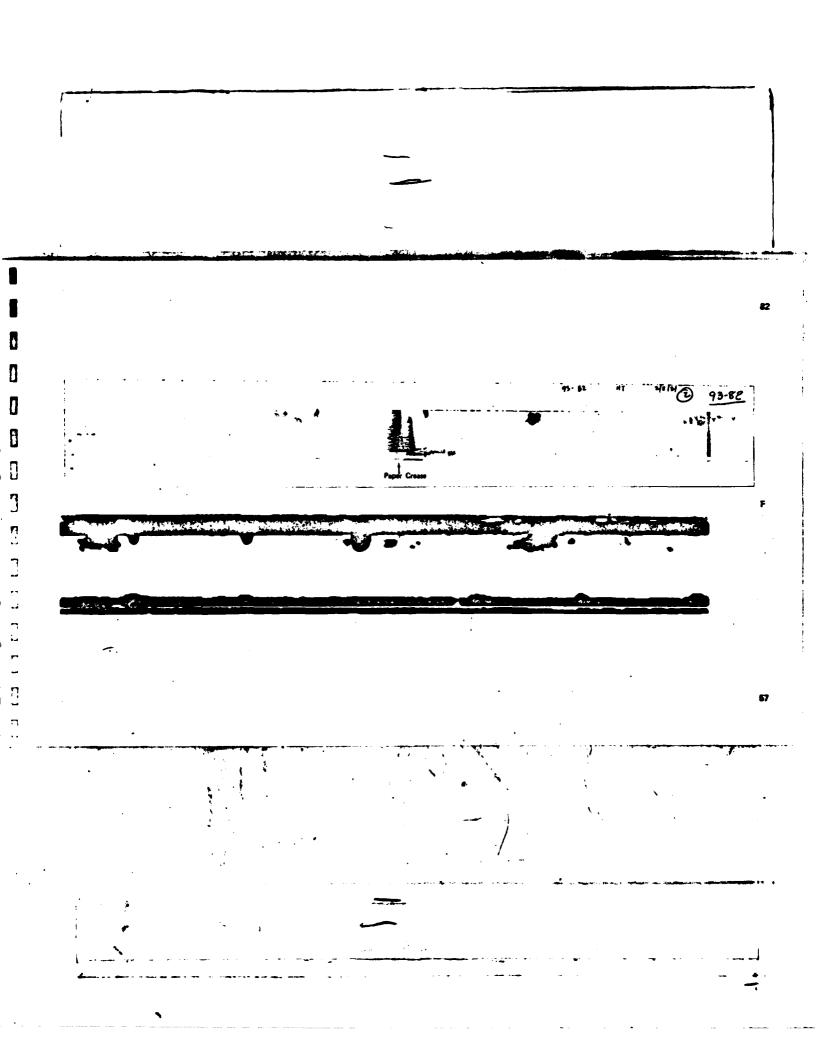


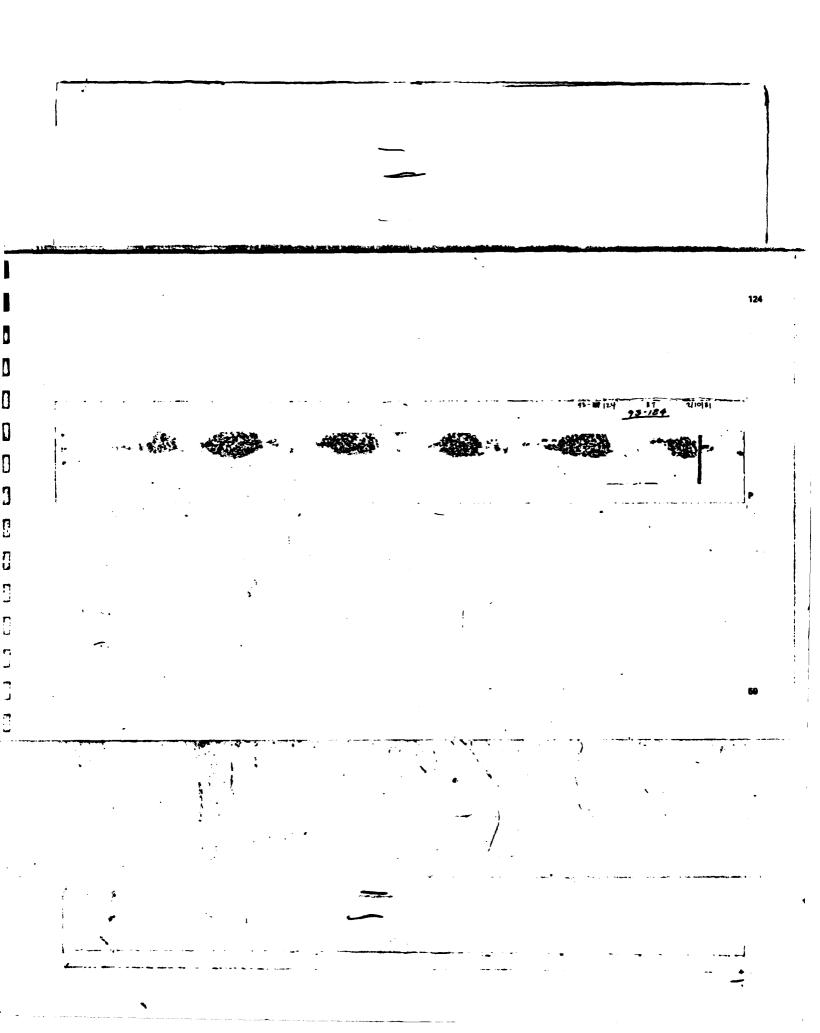
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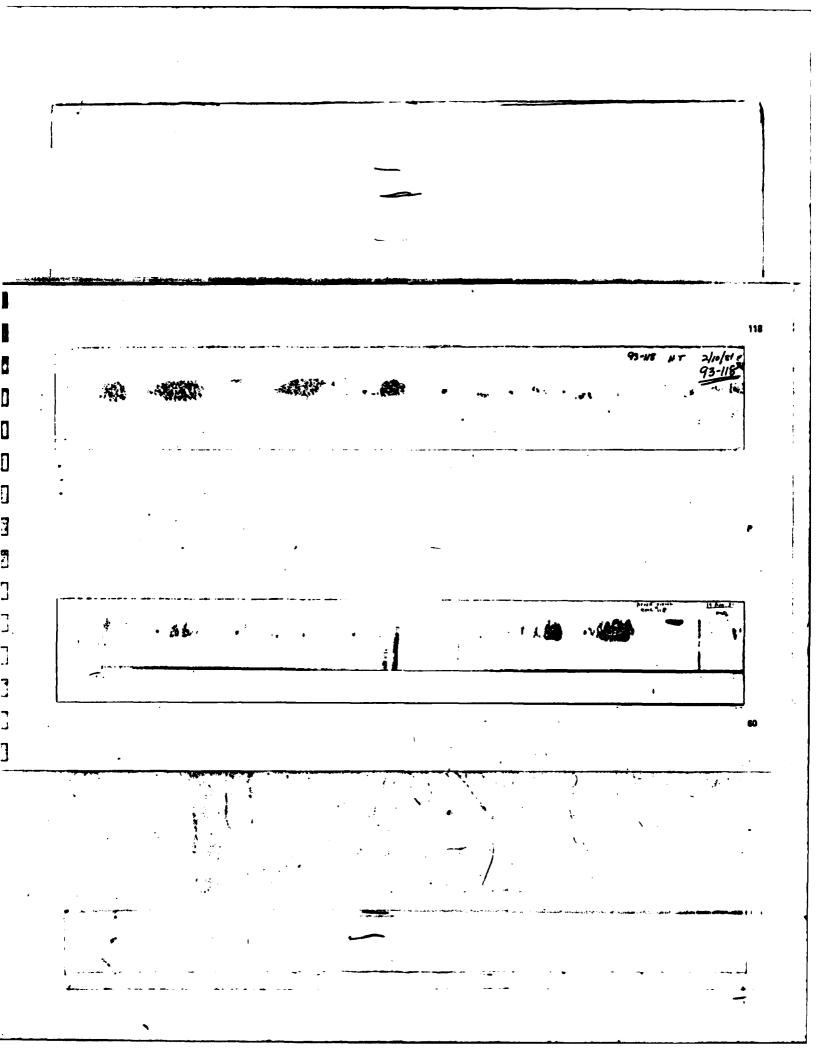


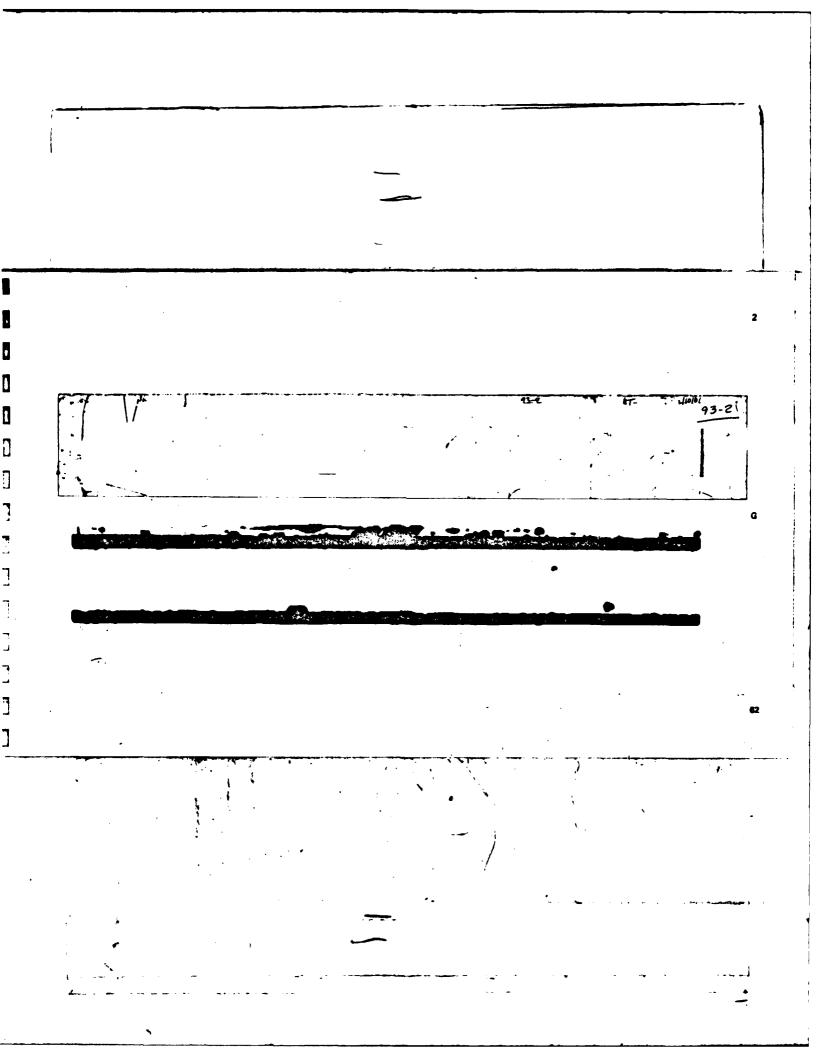
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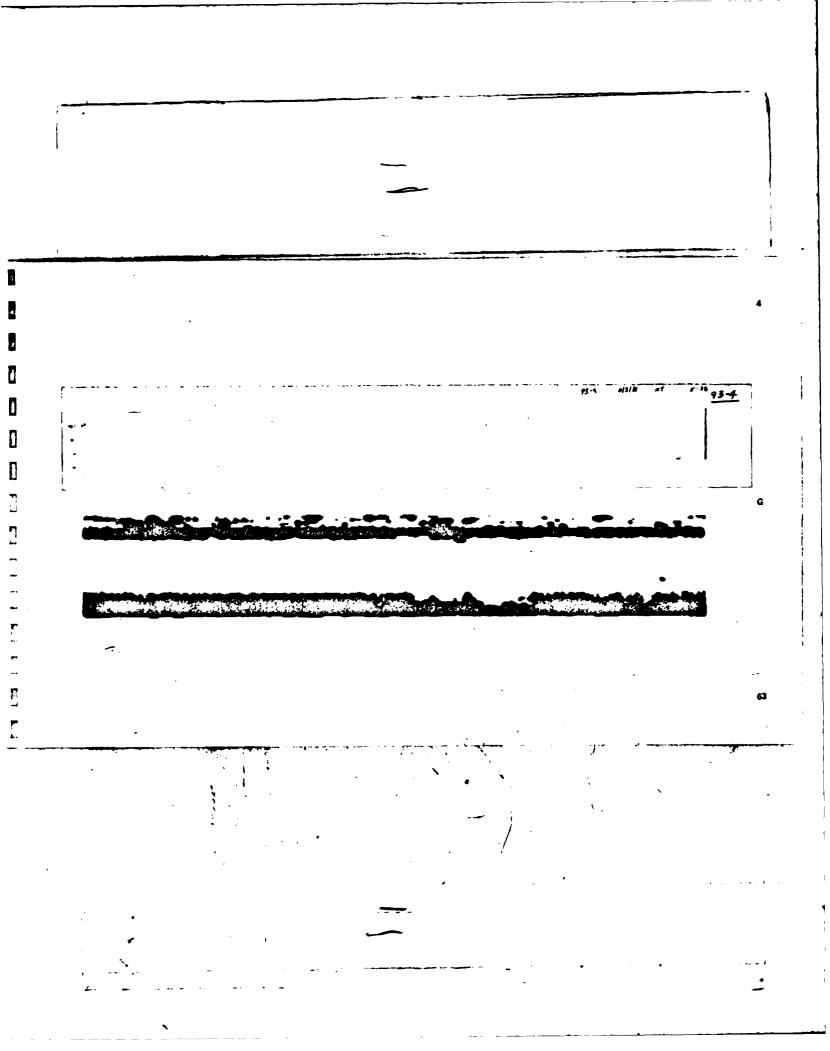


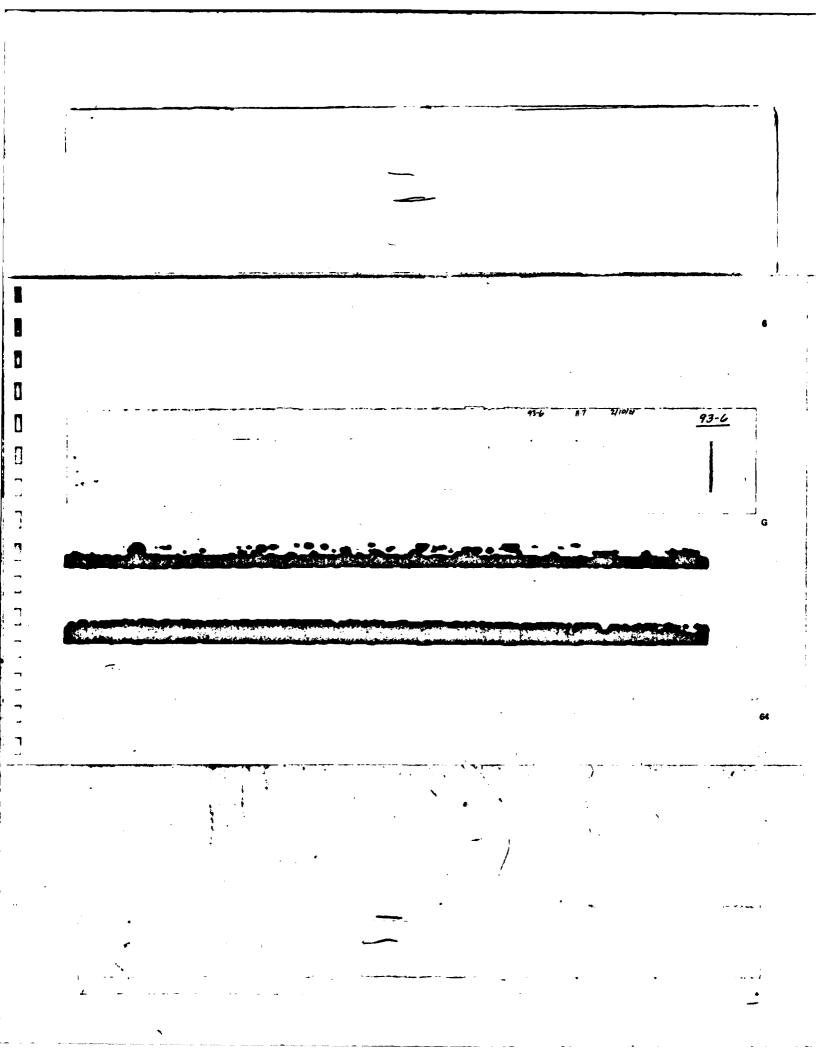


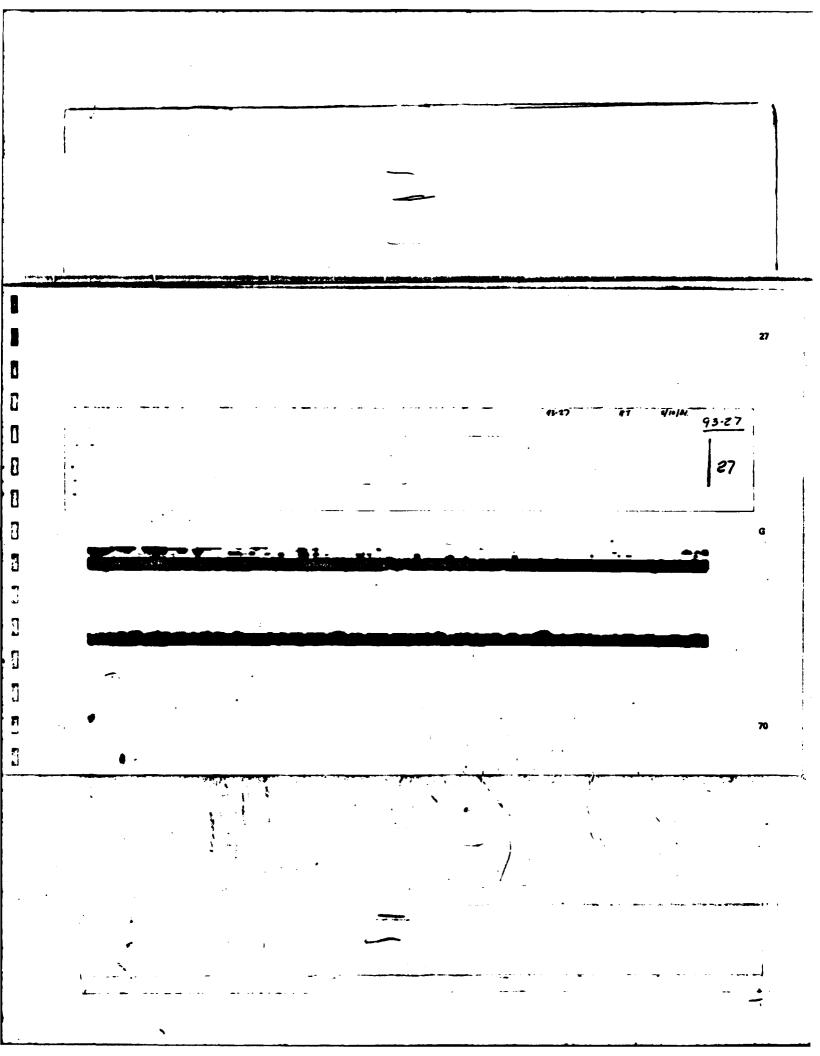


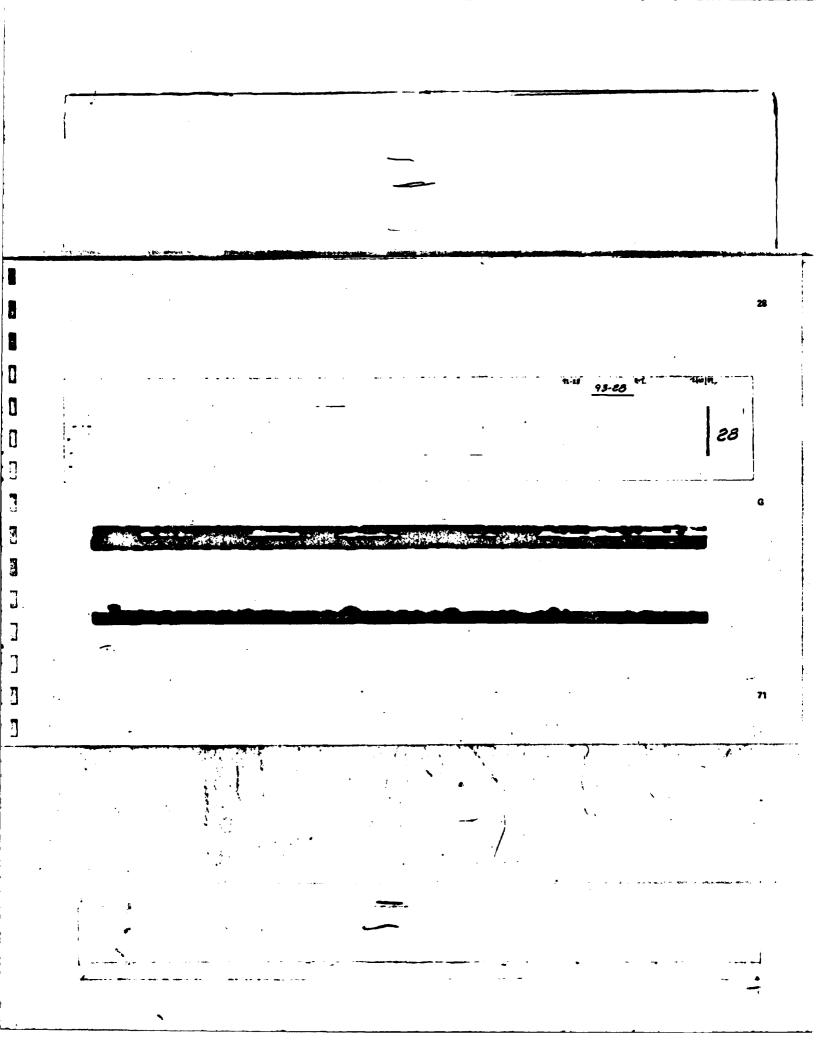


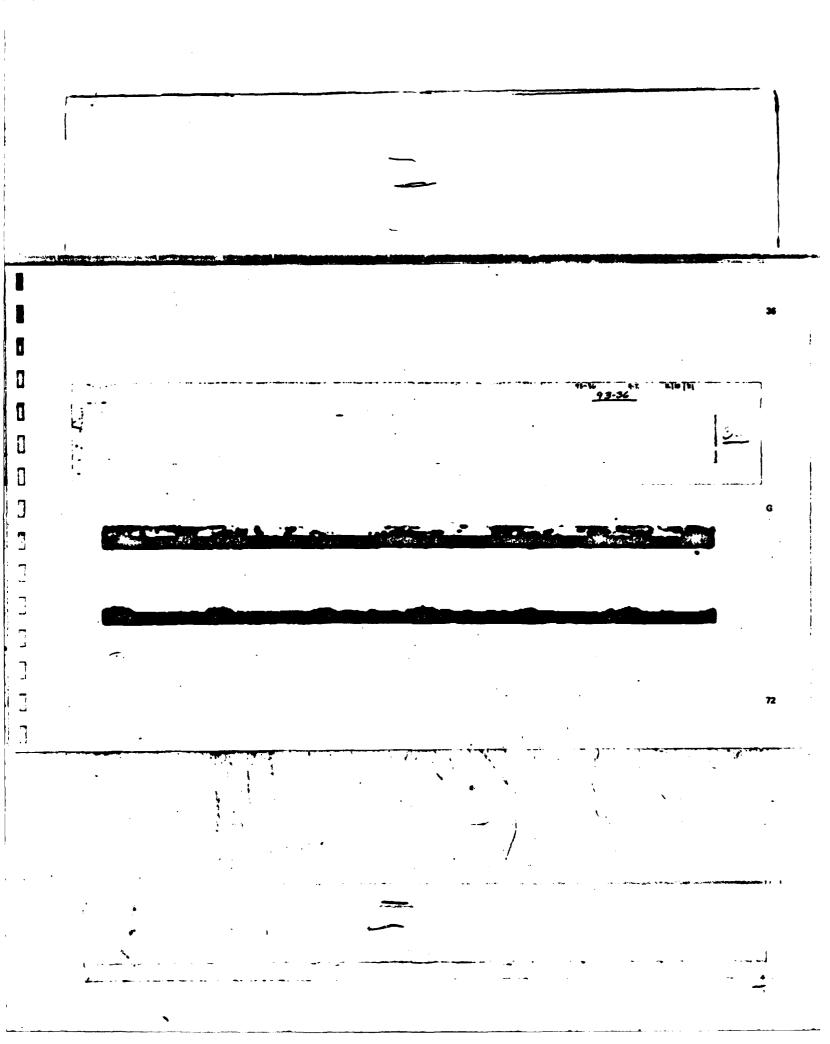


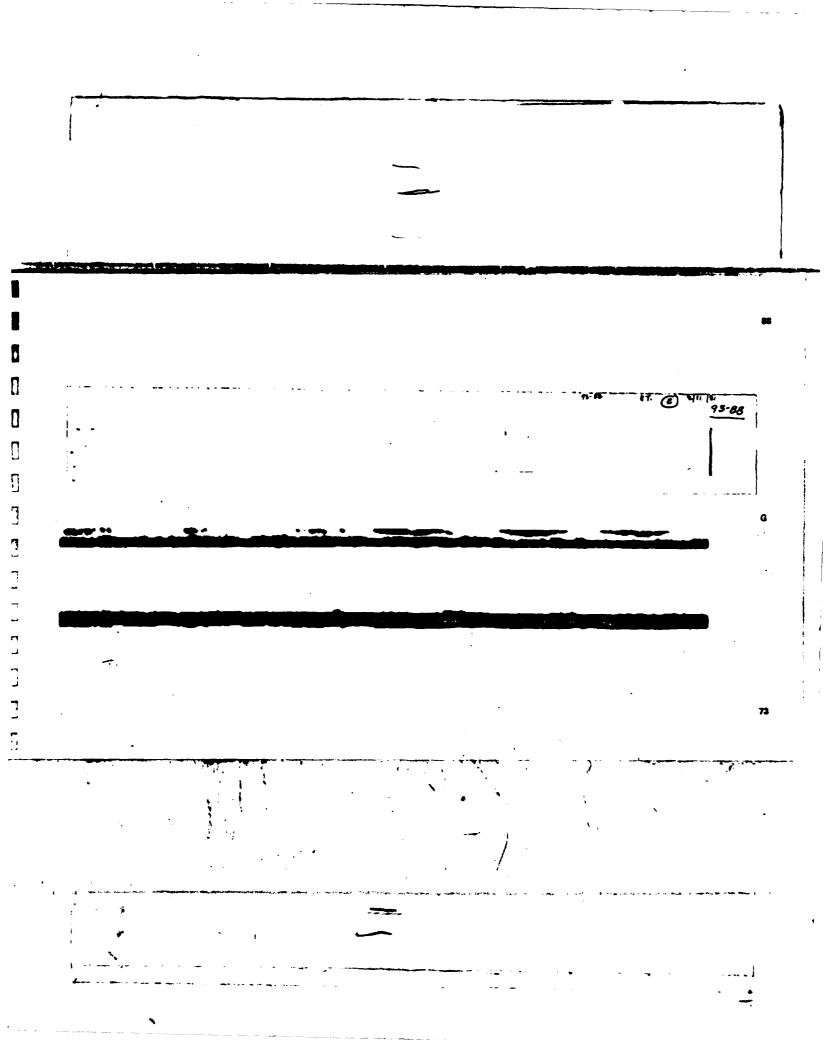


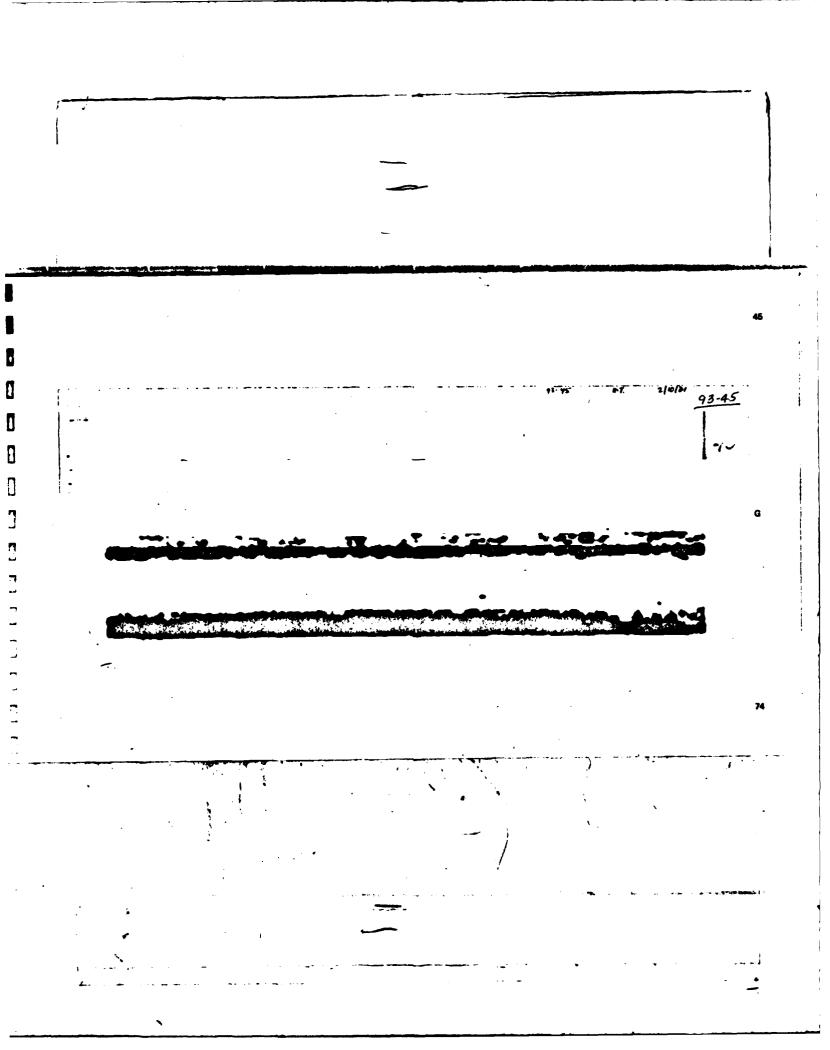












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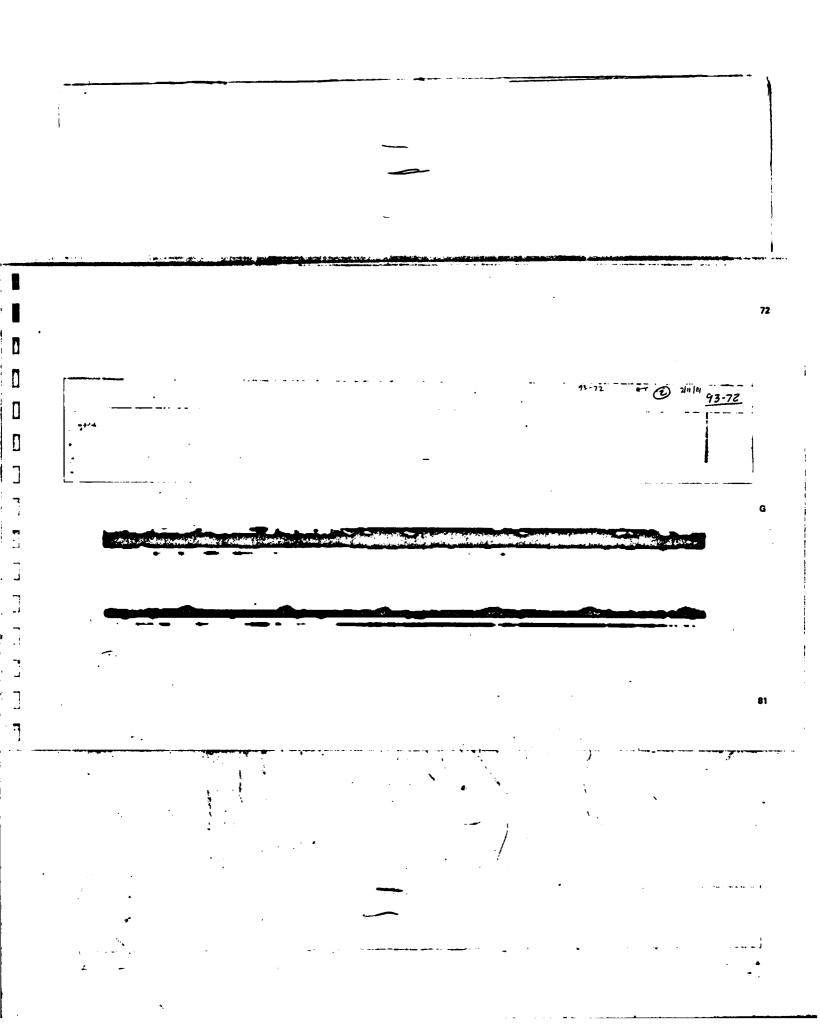
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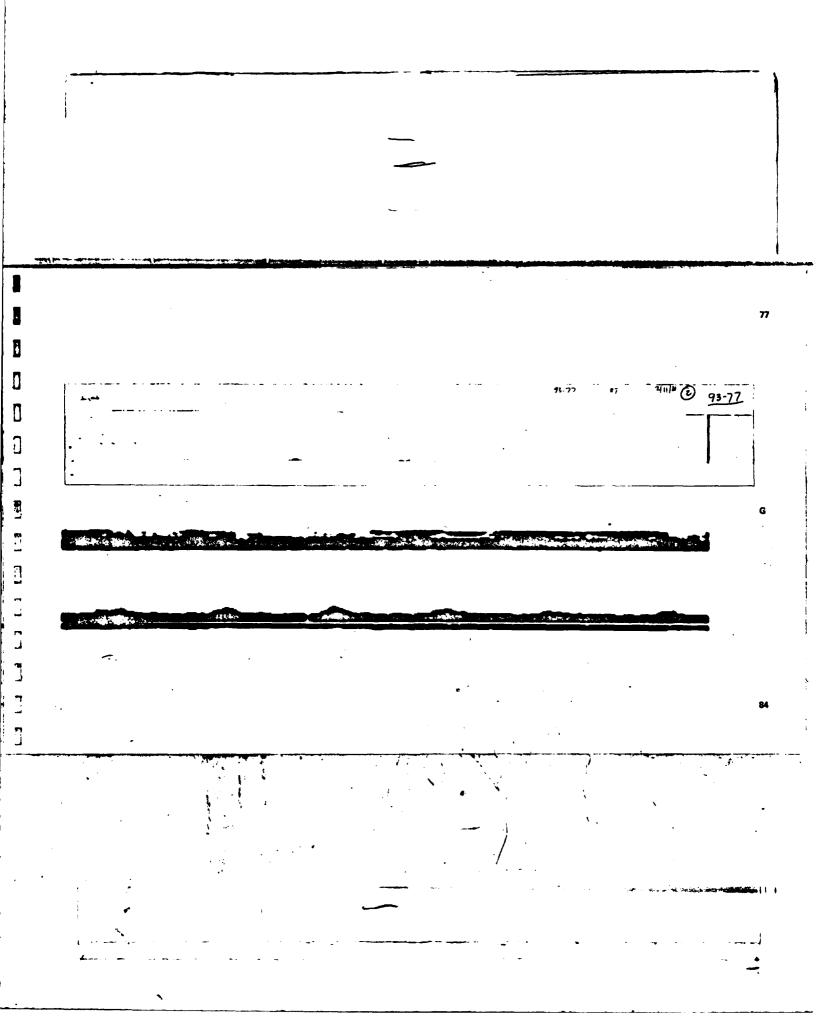
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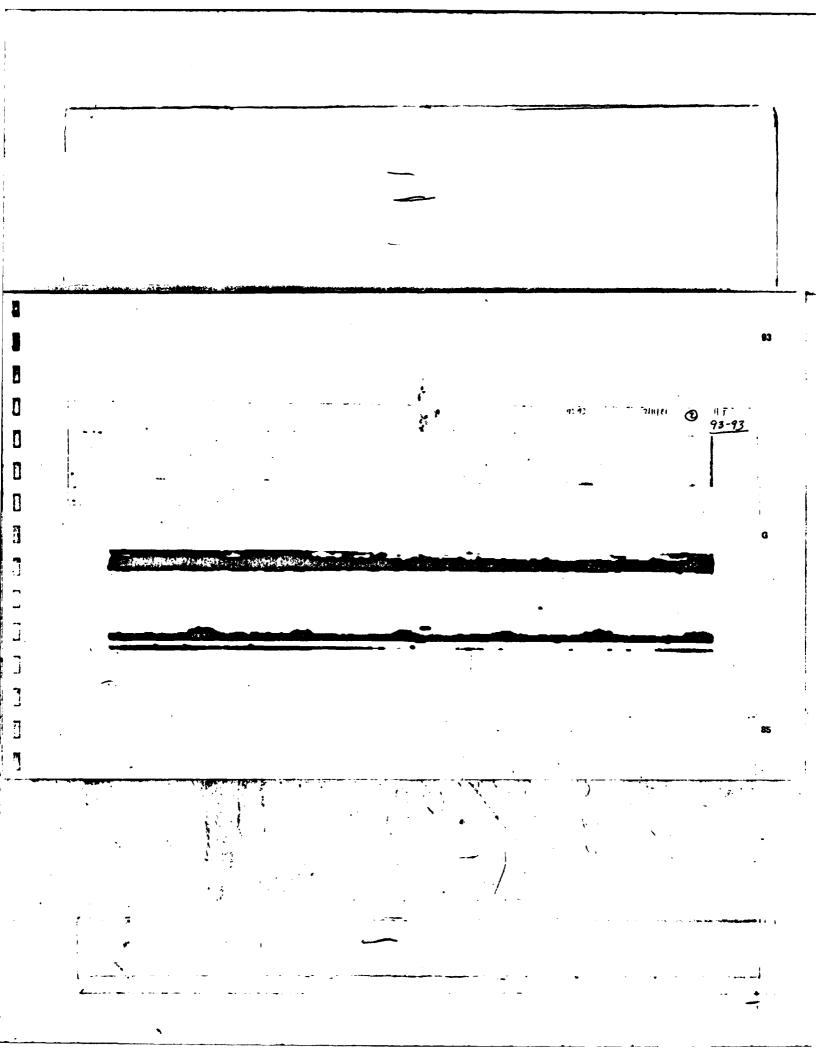
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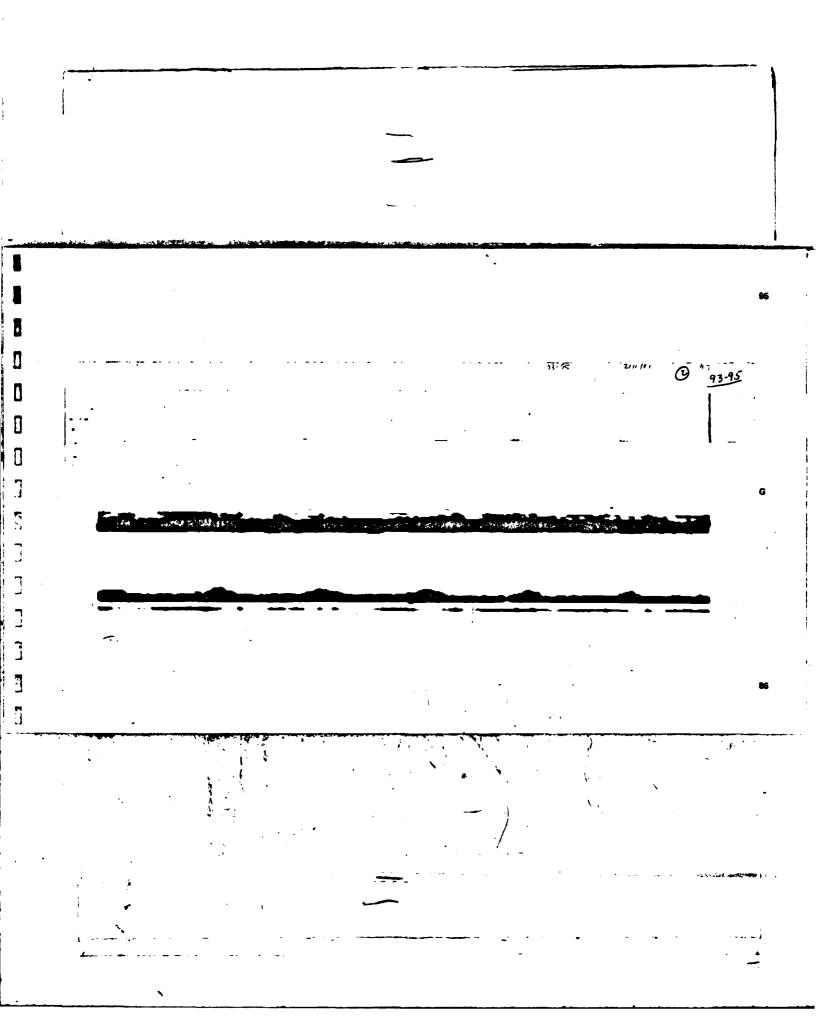
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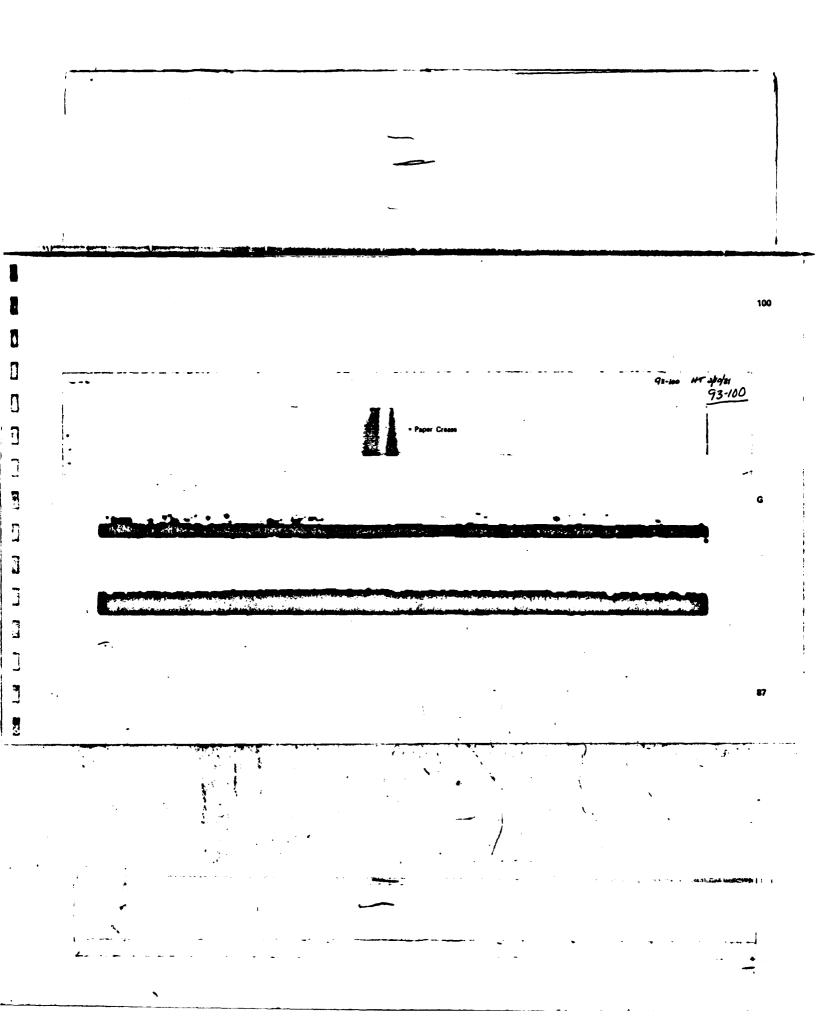


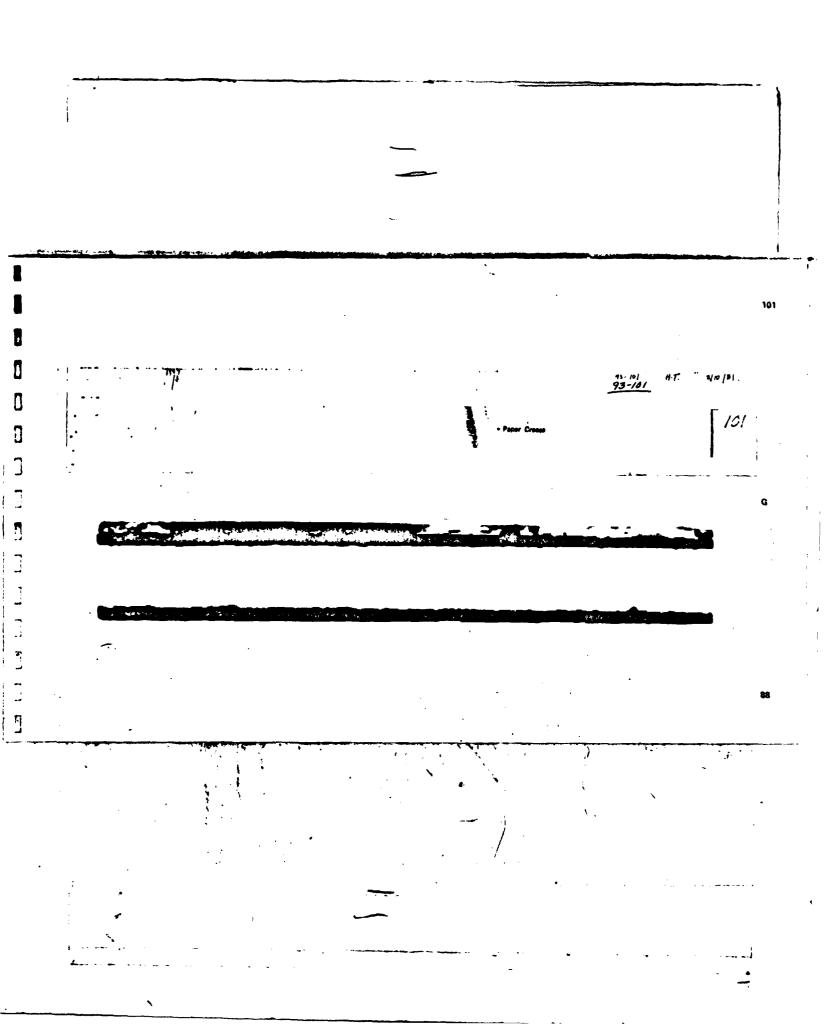
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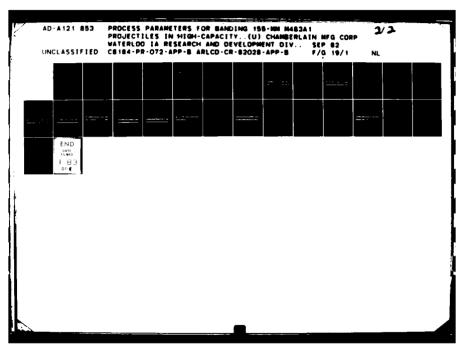


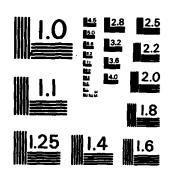






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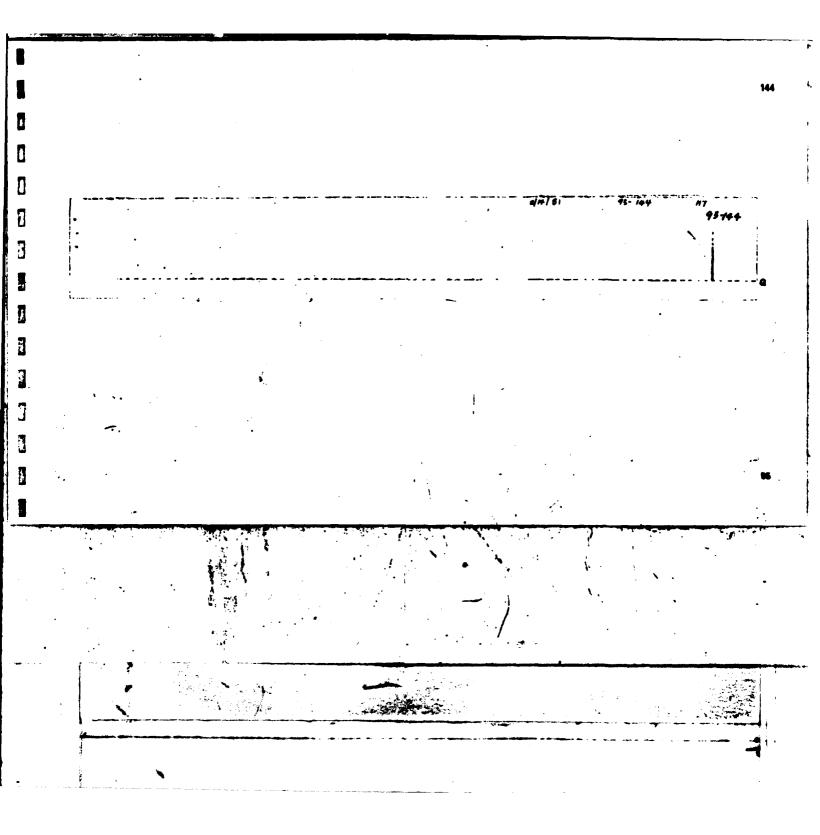


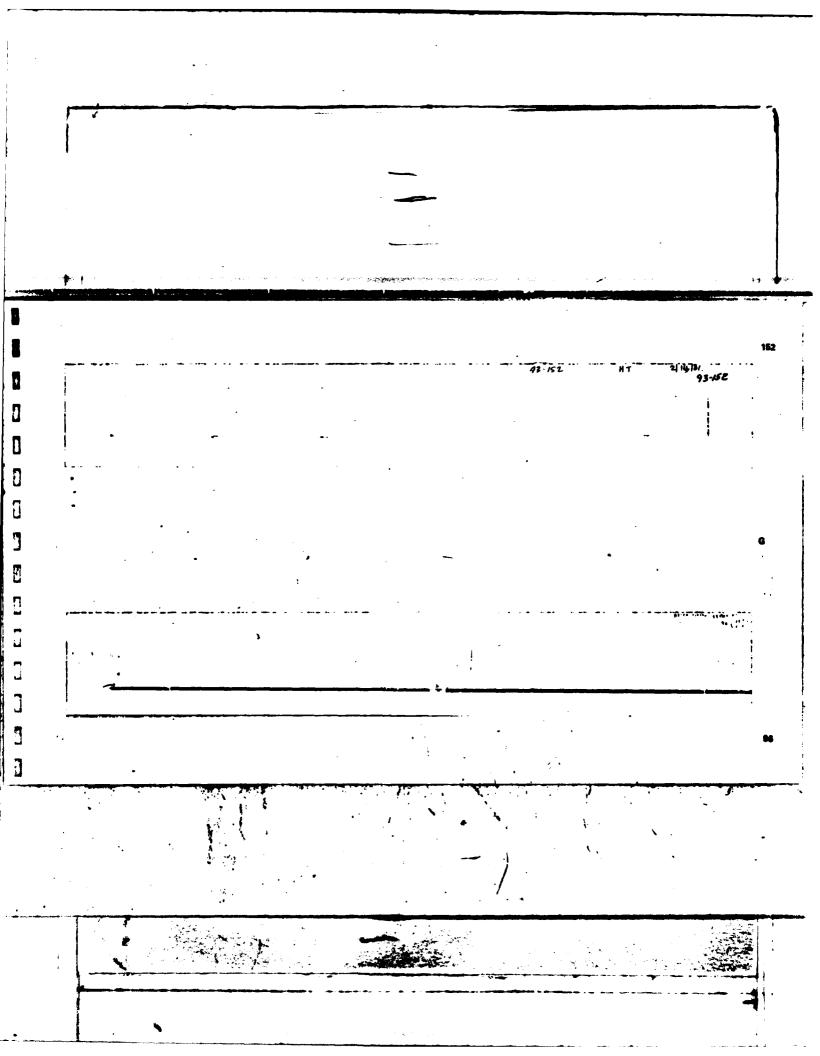


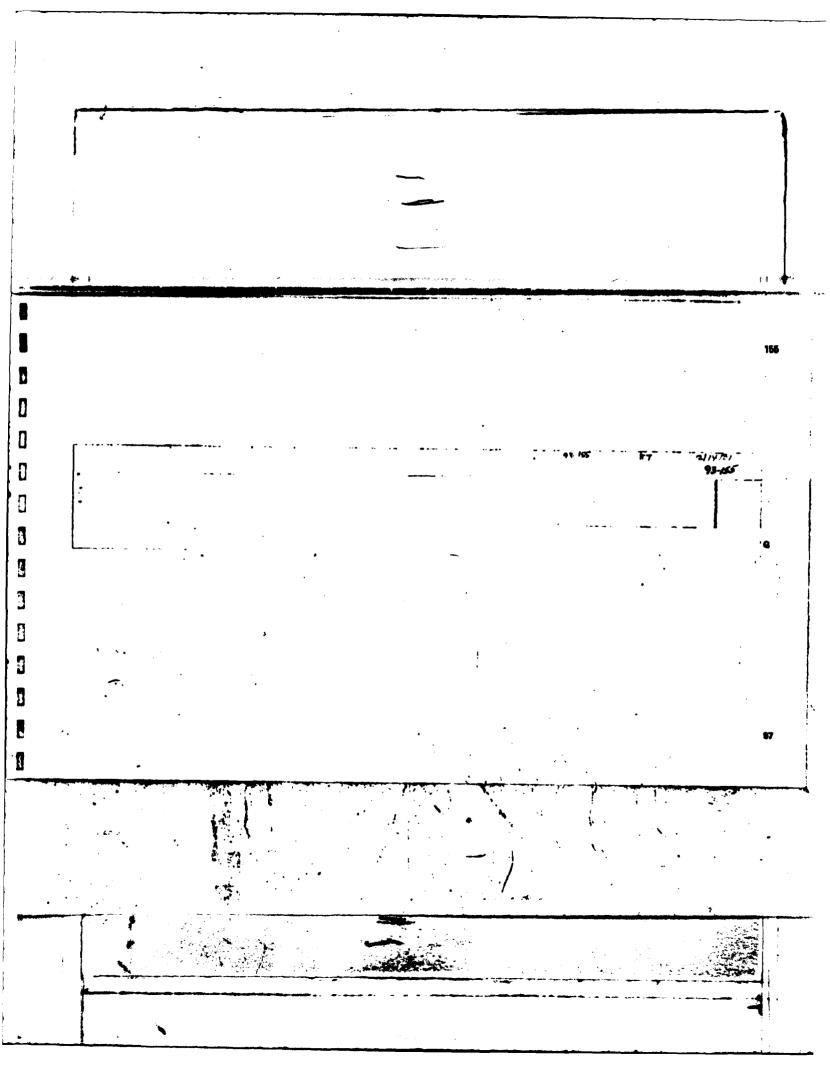
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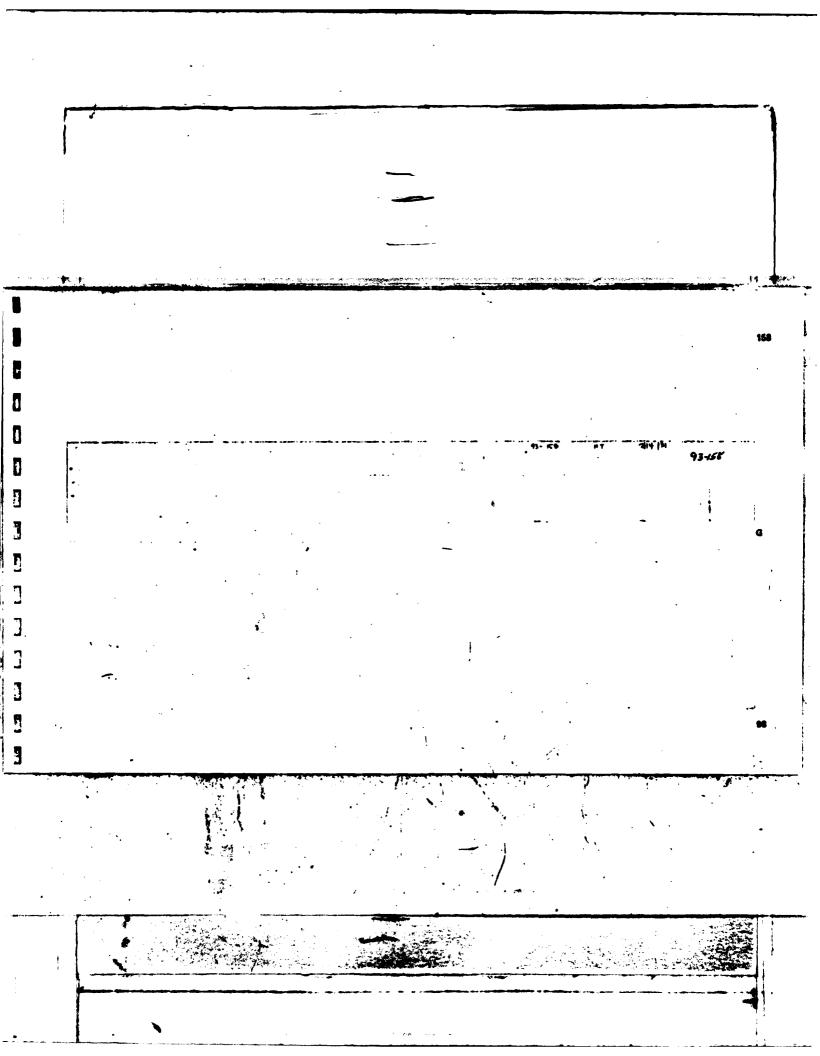
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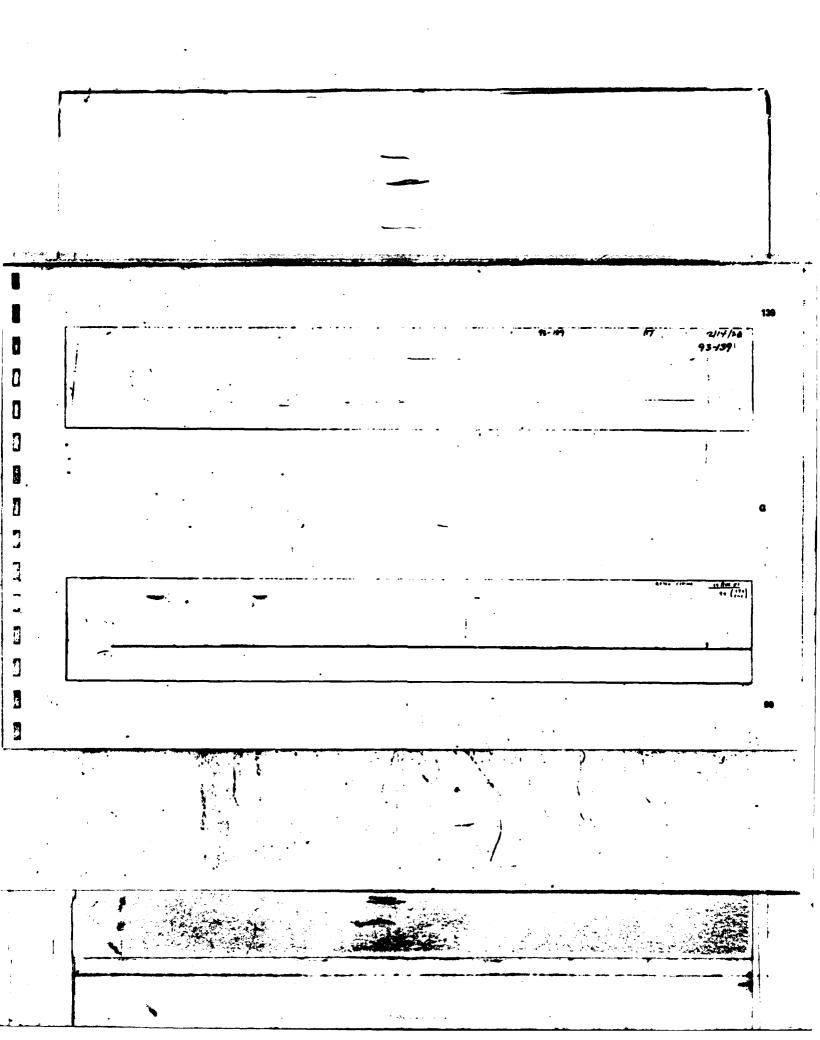
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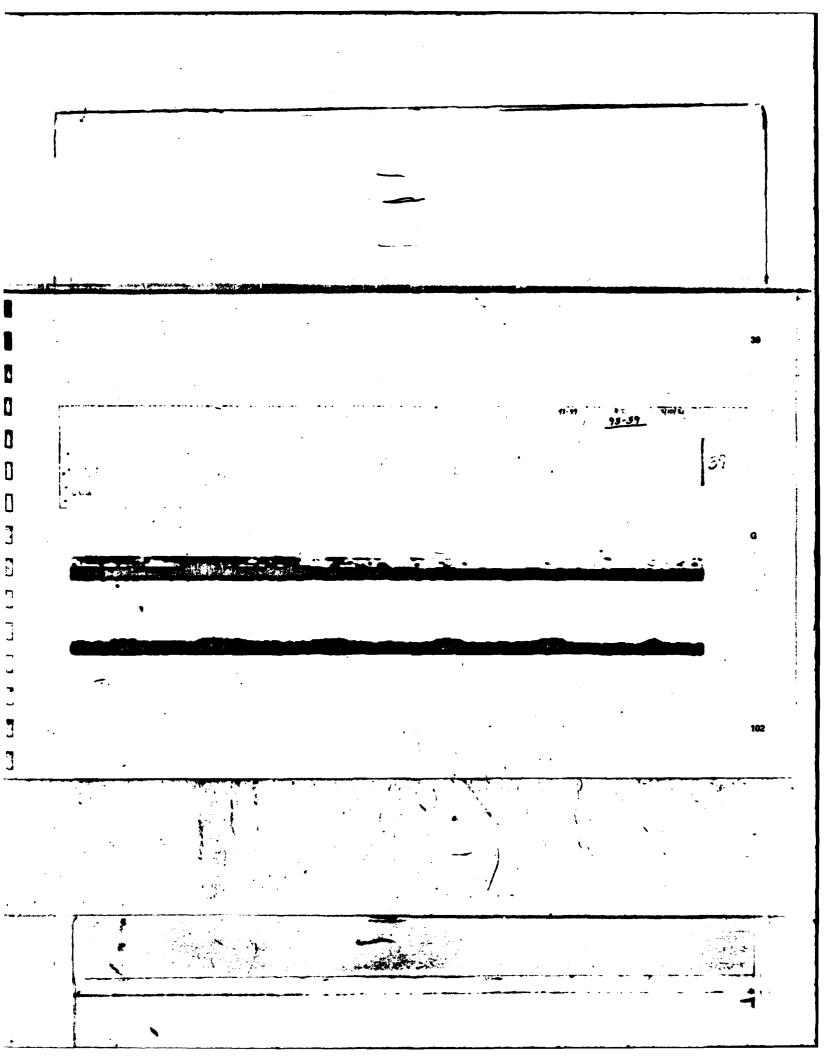


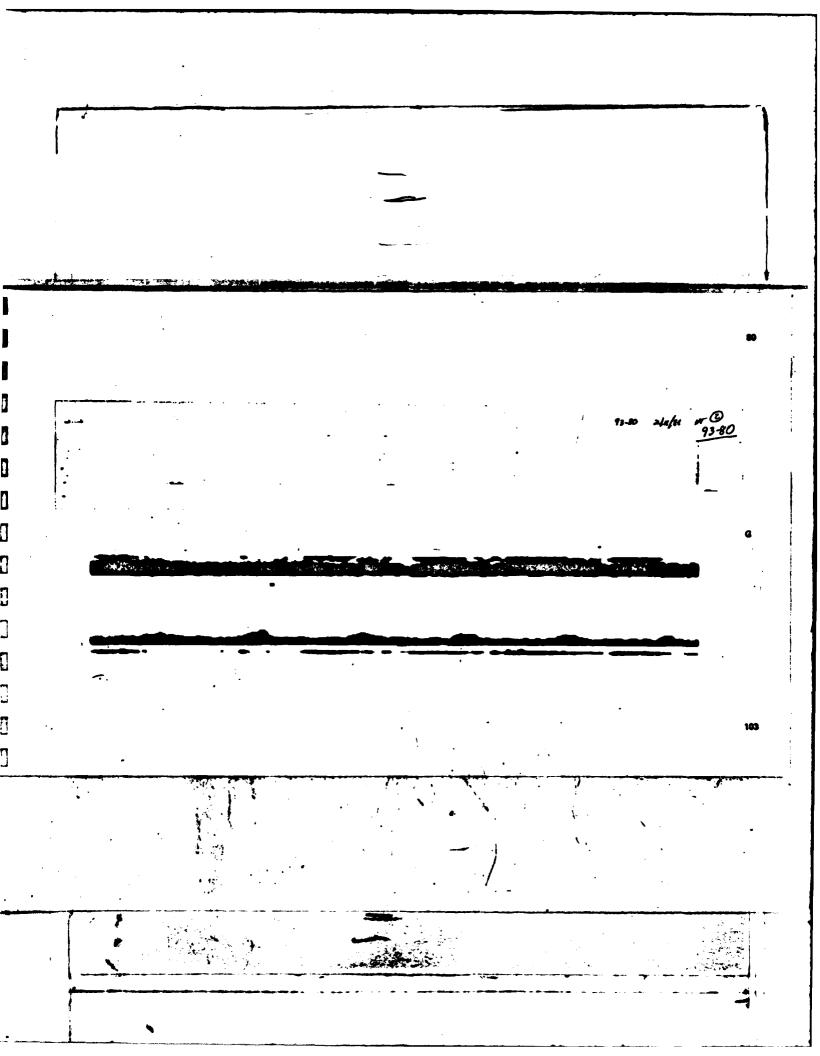


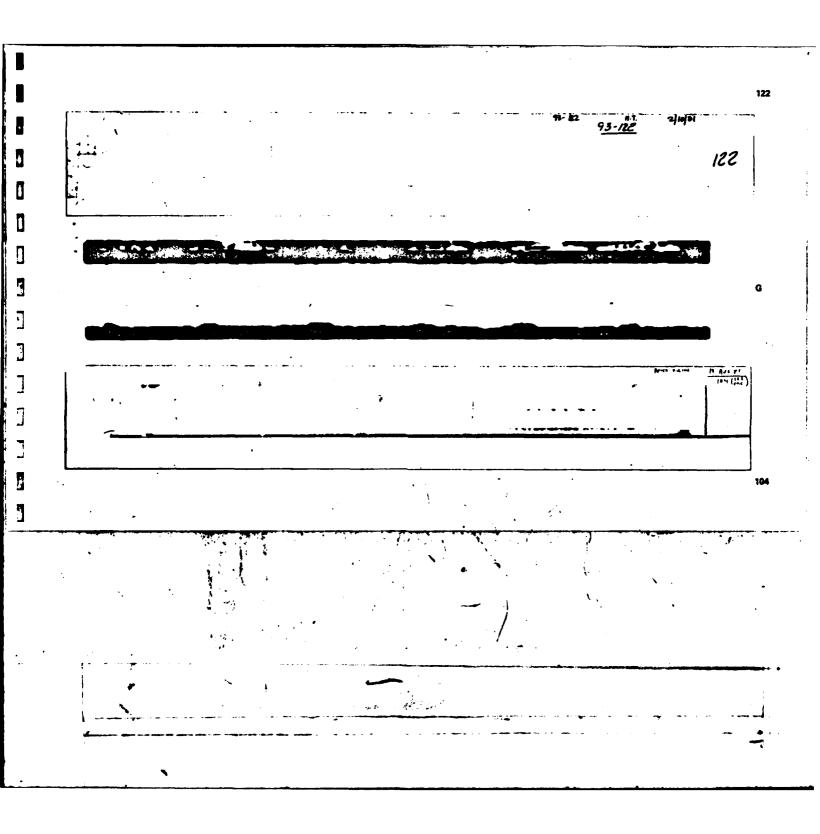


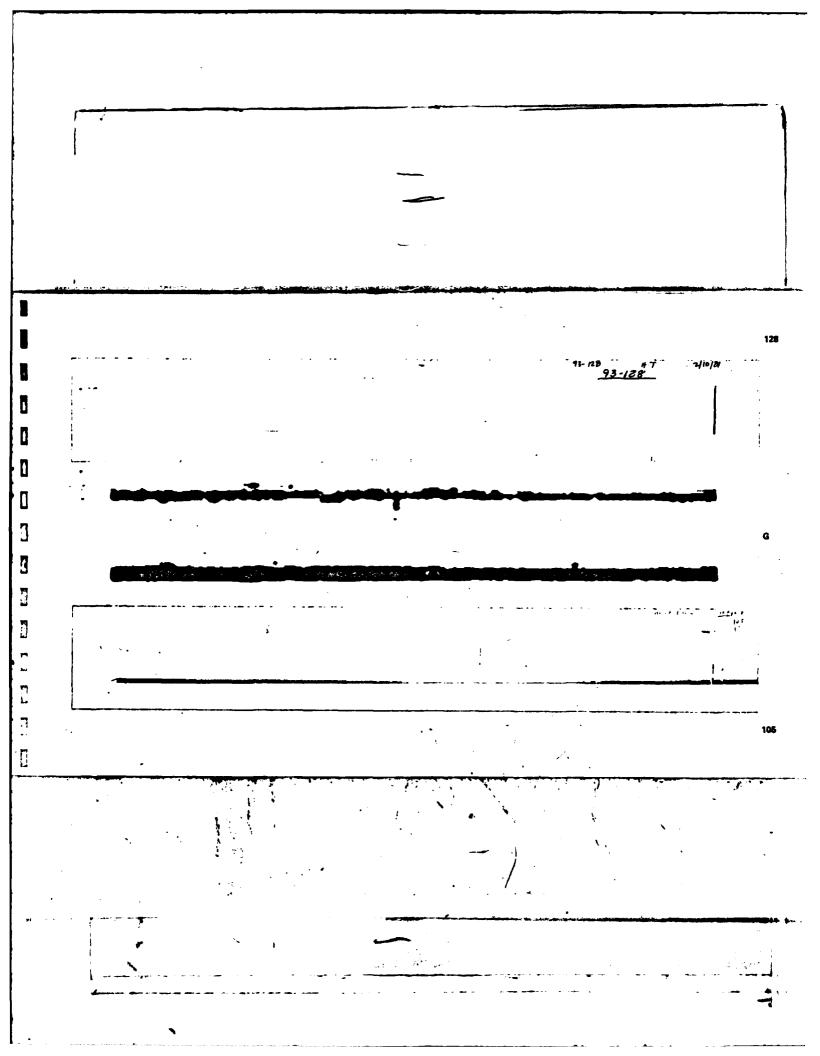


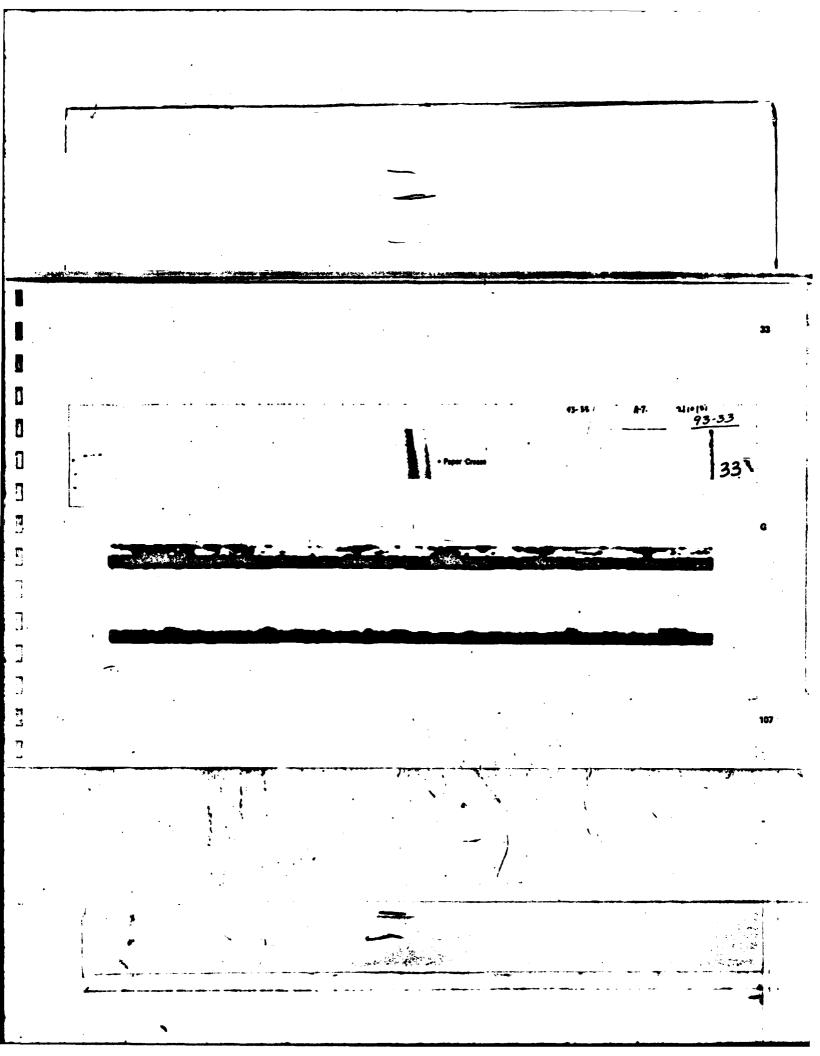
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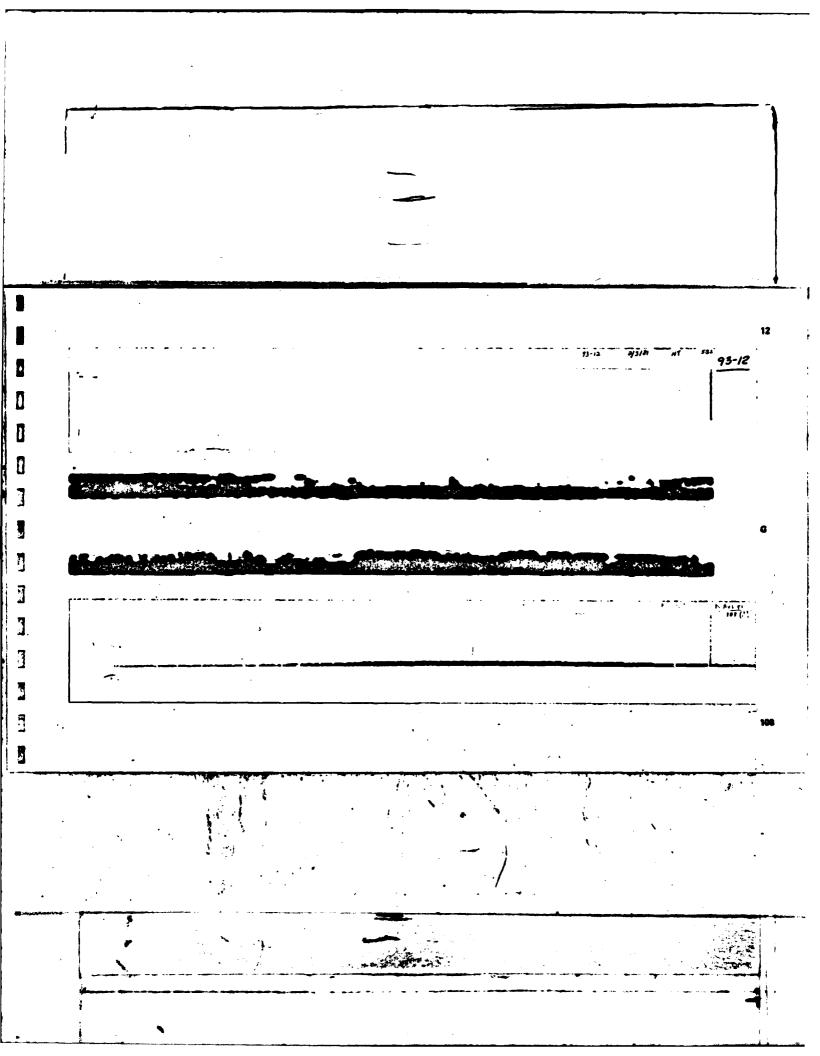


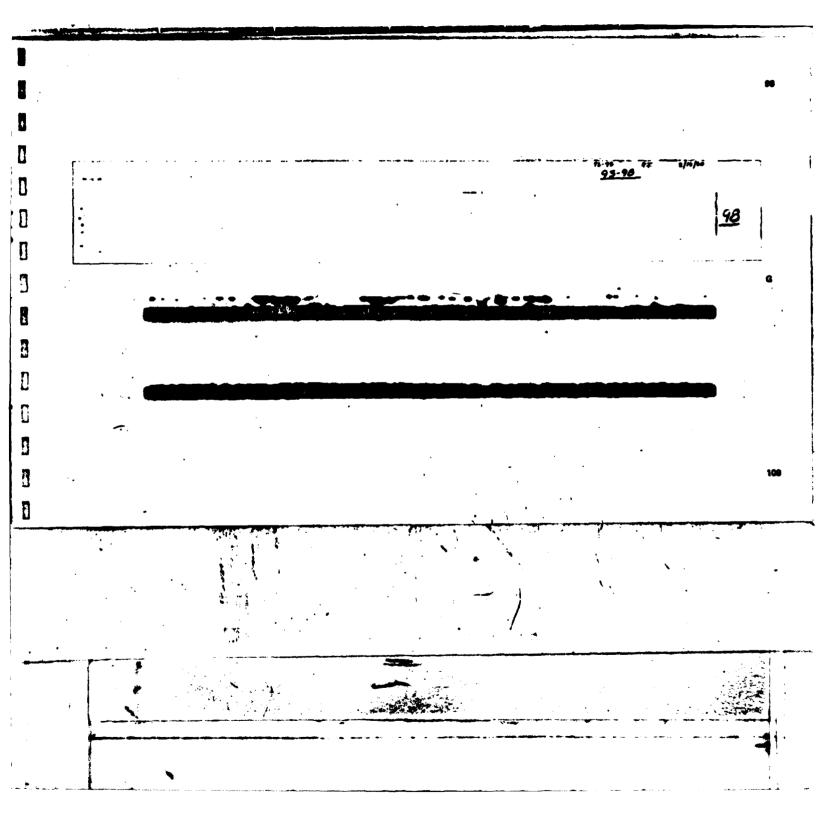


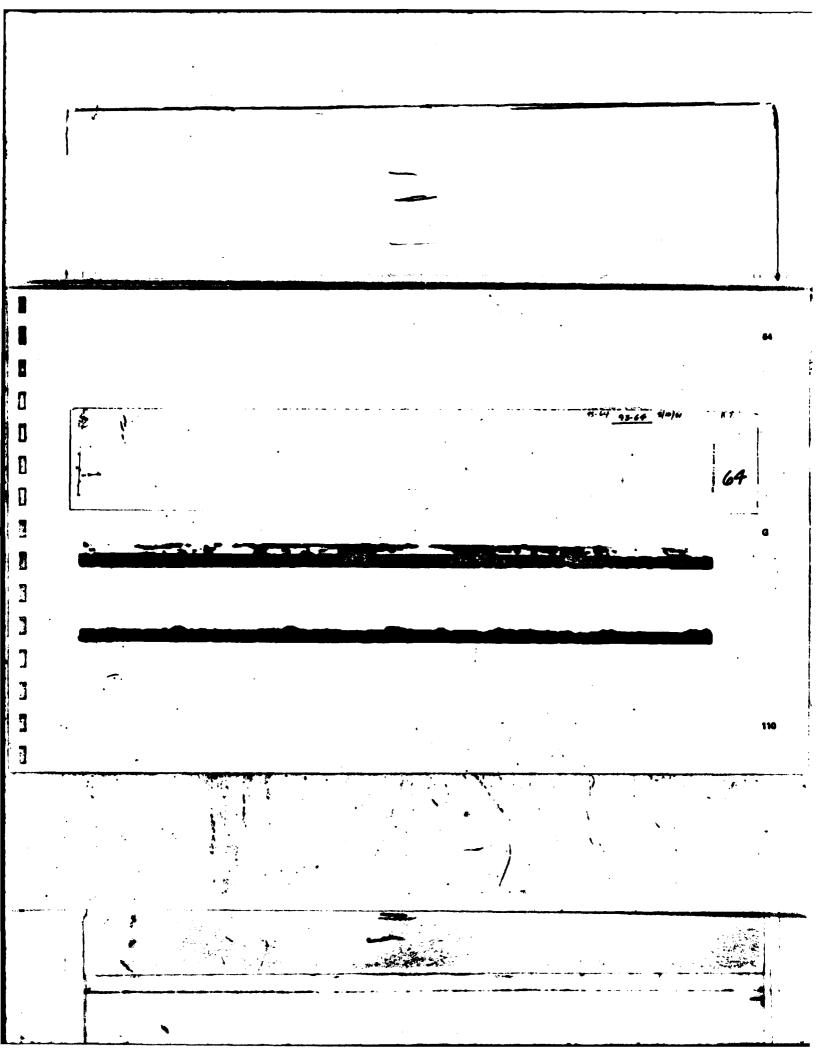


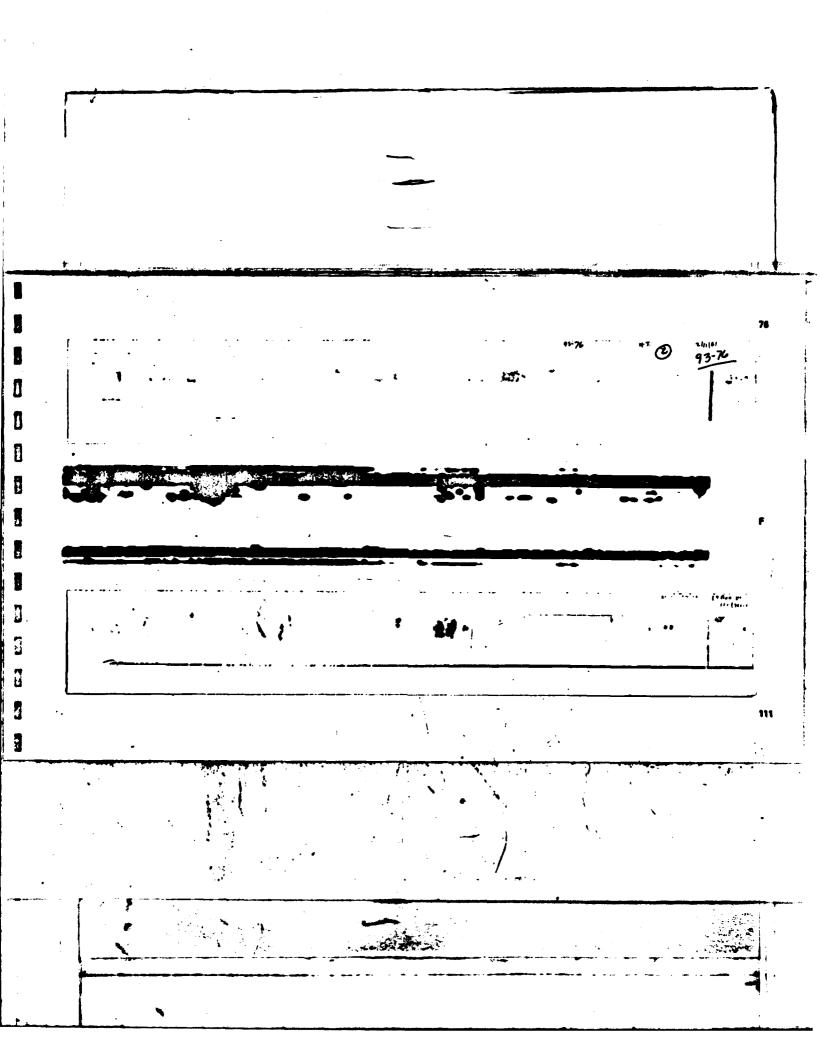


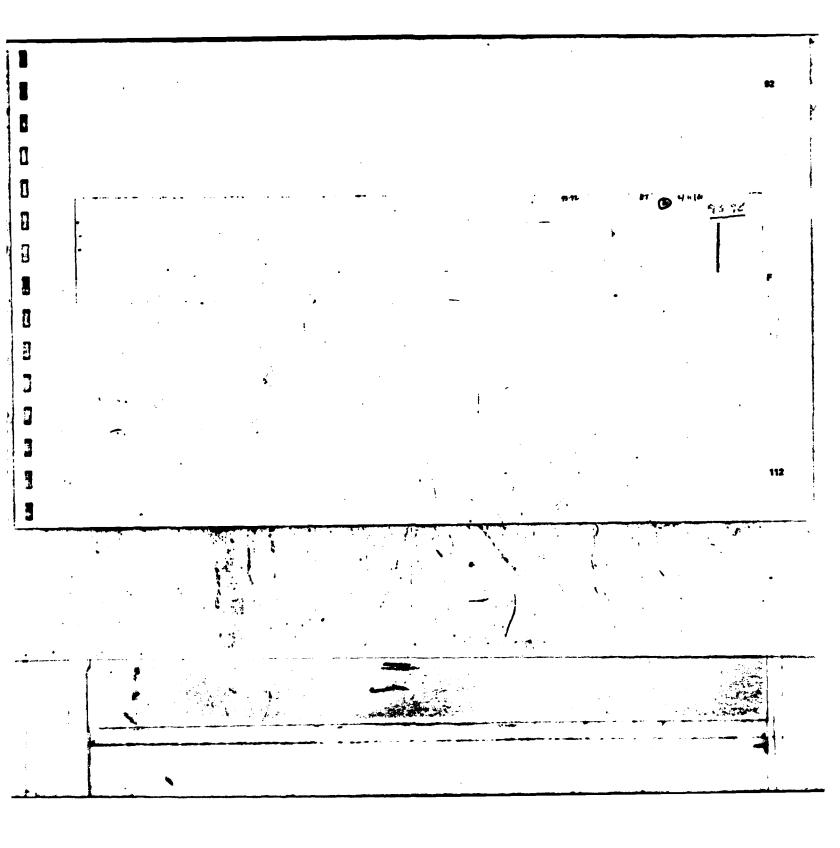




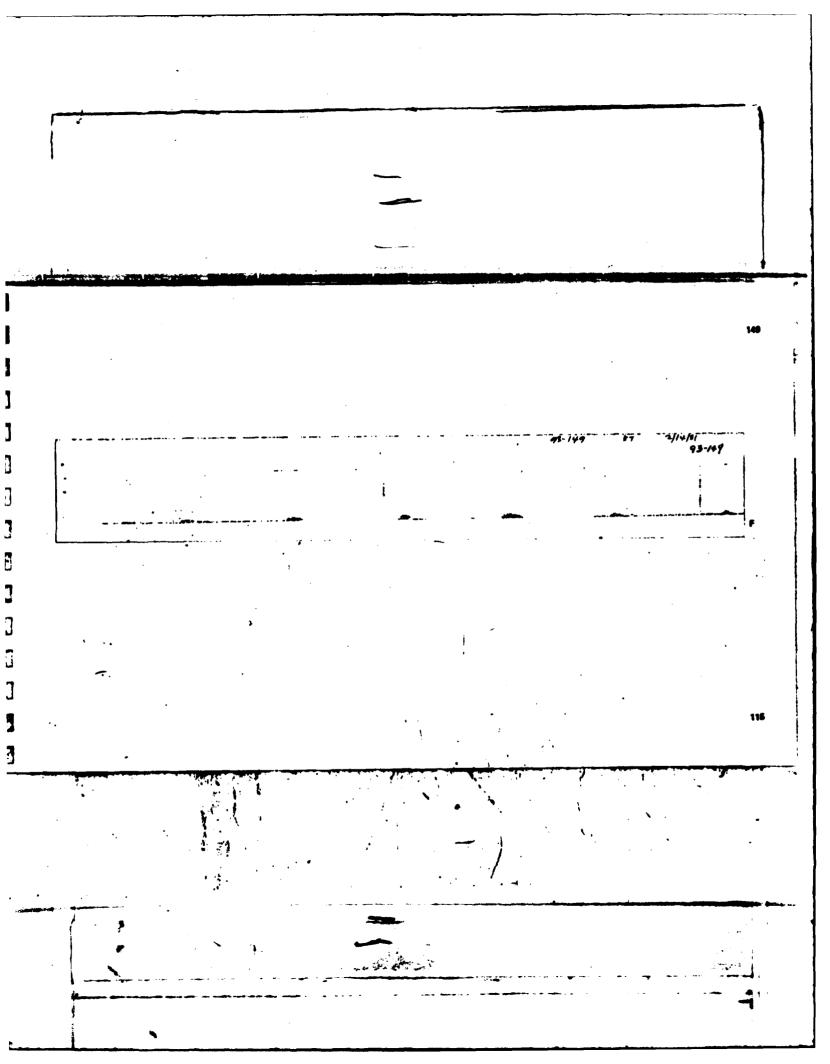


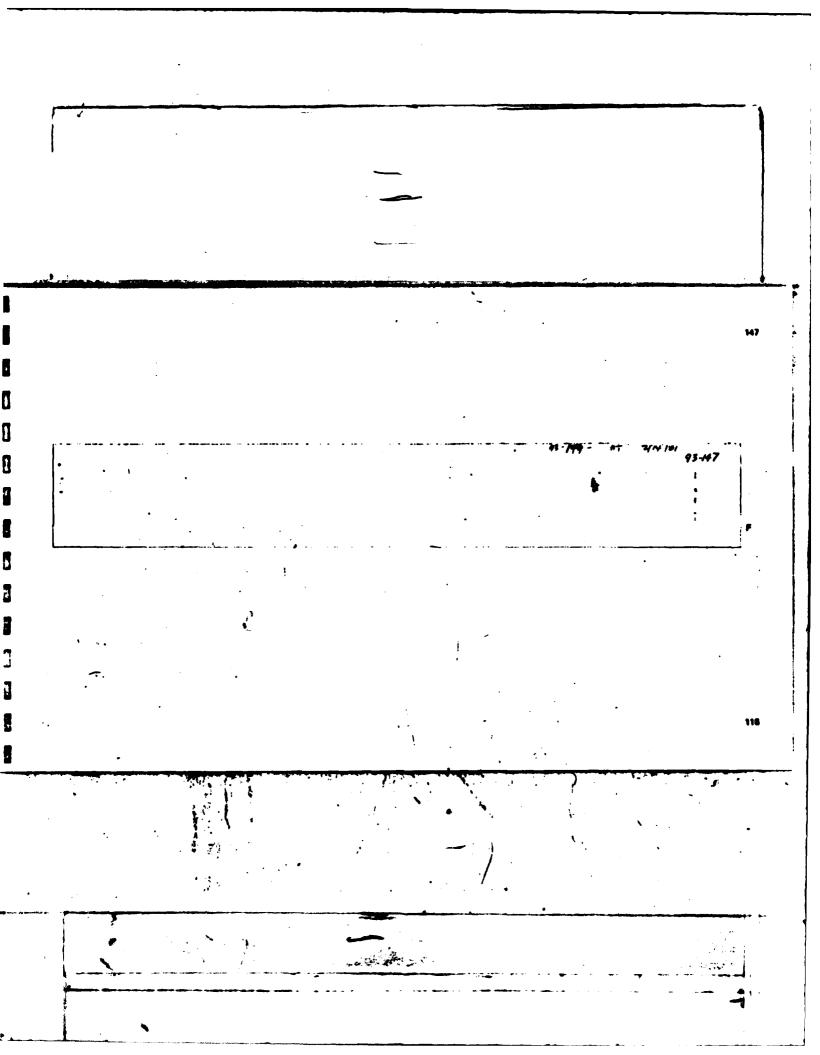


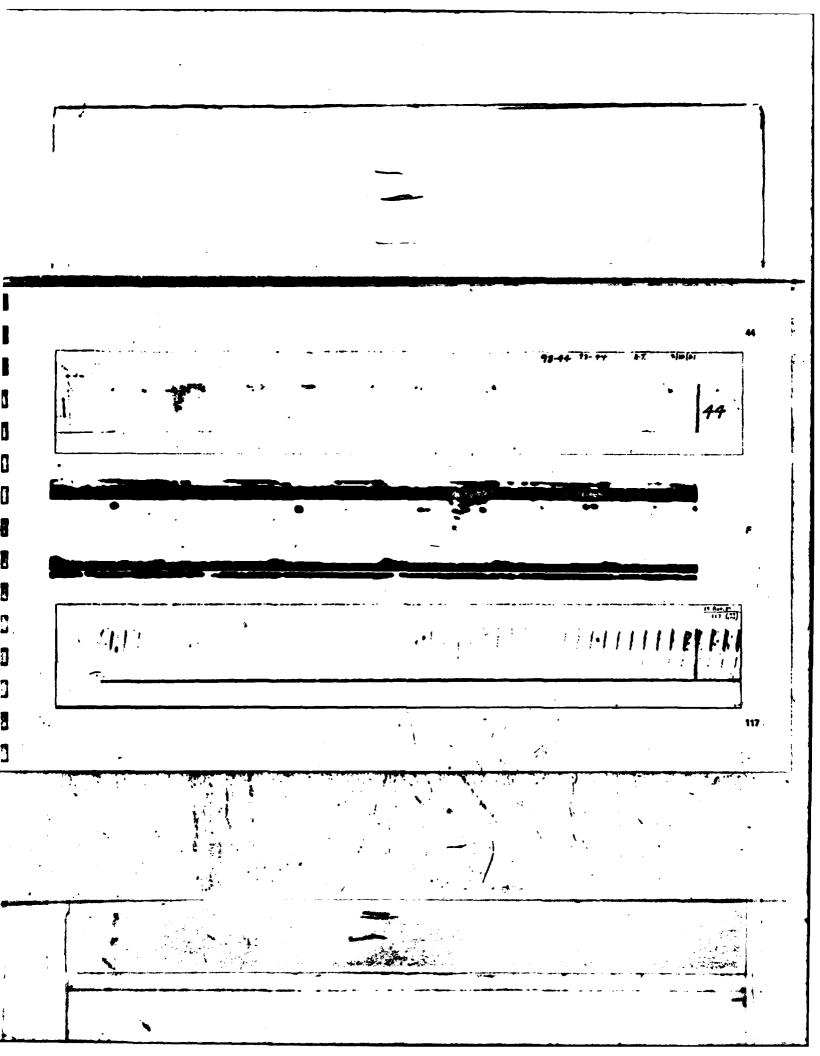


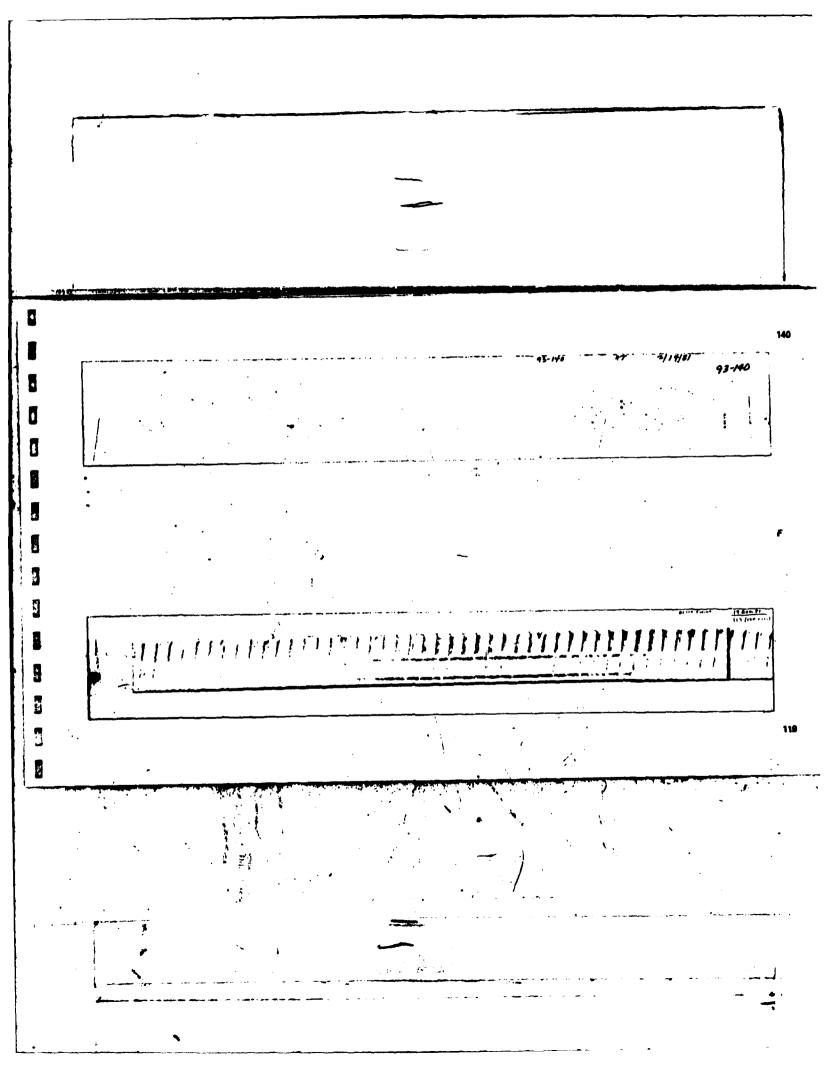


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